

OIL SEPARATOR CALCULATIONS

SERVICE AREA

3000 SQ. FT.

OIL SEPARATOR SIZING

6.0 CU. FT. FOR FIRST 100 SQ. FT. OF DRAINAGE AREA

6 CU. FT.

1.0 CU. FT. FOR EACH ADDITIONAL 100 SQ. FT. OF DRAINAGE AREA

29 CU. FT.

CU. FT. REQUIREMENT

35 CU. FT.

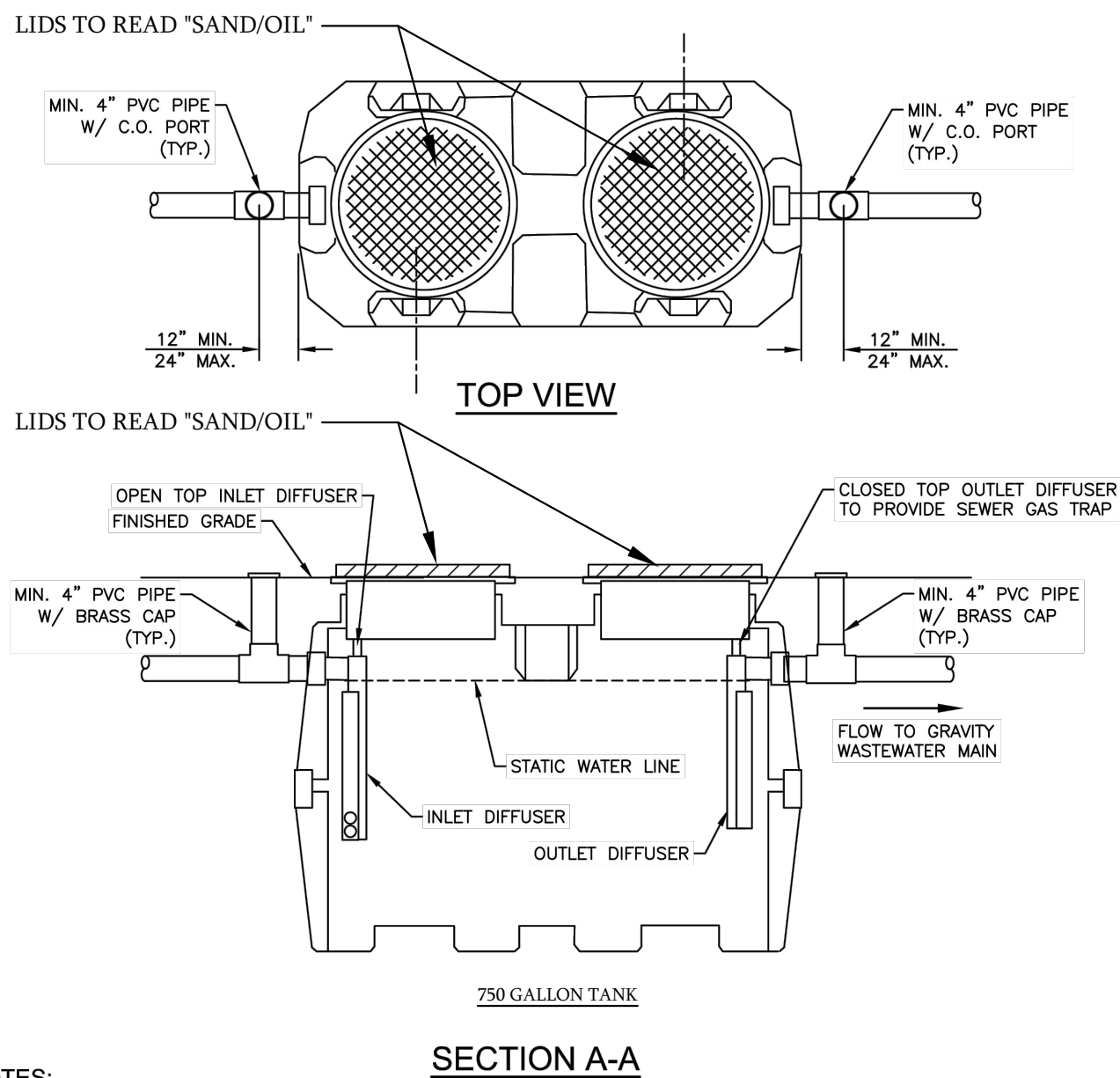
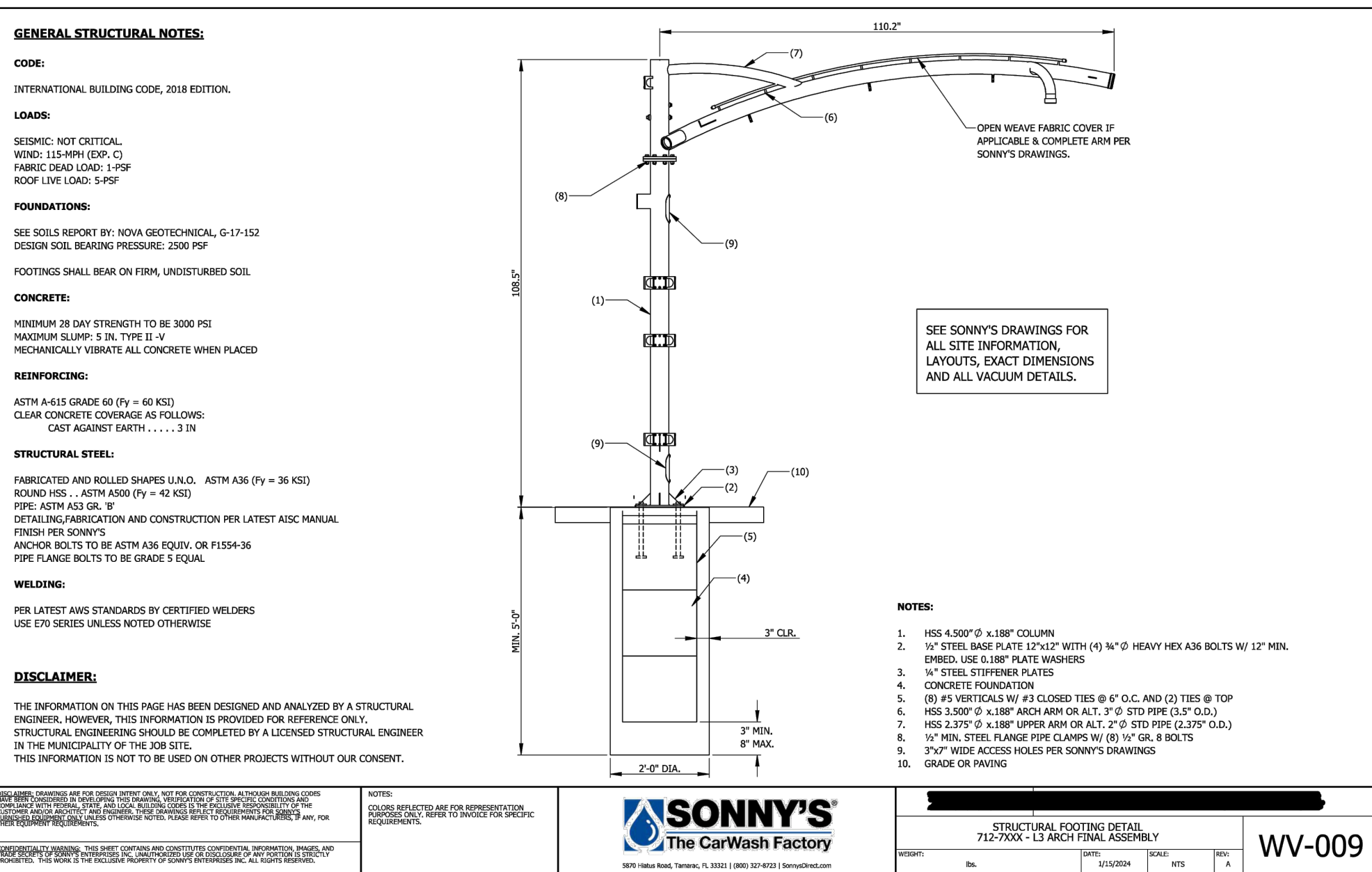
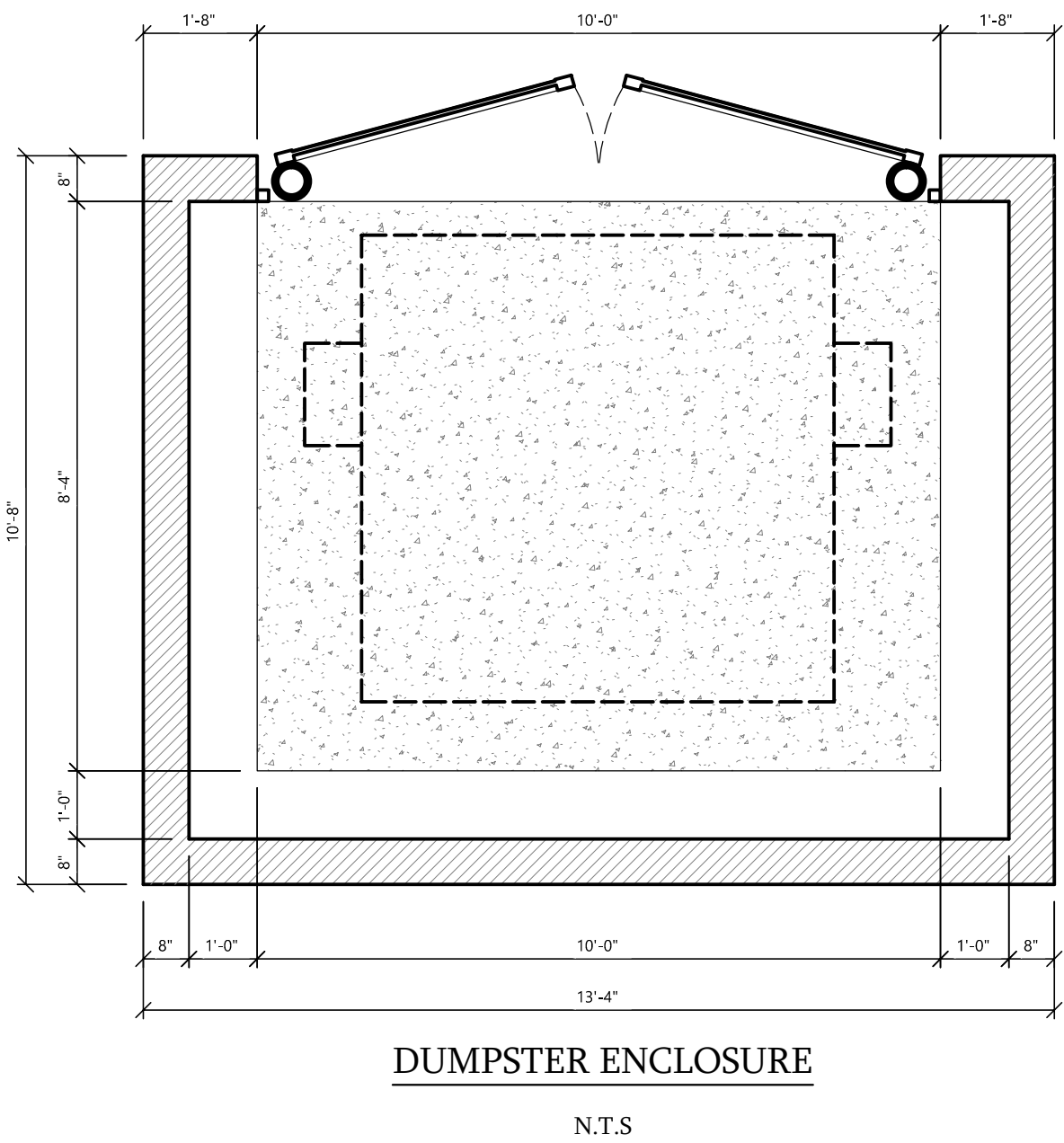
GAL. REQUIREMENT

262 GAL

Sizing methodology complies with UPC section 1017.2 and IPC section 1003.4.2.2.

Required Size: 262 gal min.
Proposed Size: **750** gal

Proposed tank exceeds minimum requirement therefore design is adequate.



NOTES:

1. INSPECTION PORTS (CLEANOUTS) ARE REQUIRED TO BE INSTALLED AT EACH END OF ANY TYPE OF INTERCEPTOR WITH PORTS TO REMAIN ACCESSIBLE TO FOR UTILITY INSPECTION AND SAMPLING.

2. THE INTERCEPTOR PORTS (CLEANOUTS) SHALL BE LOCATED OUTSIDE AND IN A NON-TRAFFIC AREA WHEREVER POSSIBLE. IF INSTALLED IN A TRAFFIC AREA, MINI-MANHOLEs ARE REQUIRED TO BE INSTALLED ON ALL PORTS (CLEANOUTS). THE SURFACE SURROUNDING THE INTERCEPTOR SHALL BE SLOPED TO DRAIN STORM WATER AWAY FROM THE INTERCEPTOR.

SAND/OIL SEPARATOR
N.T.S

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141455 MILITARY TRAIL

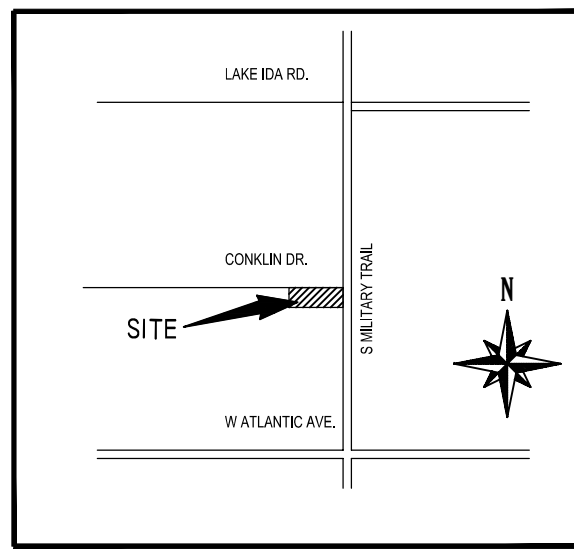
KEEEN
Engineering Inc.

2880 W PALMETTO PARK RD., SUITE 105, BOCA RATON, FL 33434
PHONE: 561-325-6700
C.A.#31195

SITE DETAILS

SHEET NUMBER
C-105

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SECTION 14 TOWNSHIP 46 SOUTH,
RANGE 42 EAST
LOCATION MAP
NOT TO SCALE

REPAIR AND RESTORATION

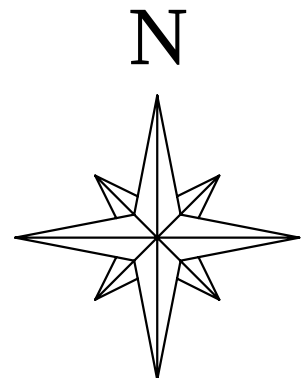
ANY DAMAGE CAUSED TO COUNTY OR CITY ROADWAY, SIDEWALK, AND/OR DRAINAGE SYSTEM SHALL BE REPAIRED OR REPLACED TO ITS ORIGINAL OR BETTER CONDITION AT NO COST TO COUNTY, CITY, OR OWNER.

ANY DAMAGE TO ANY ROADWAY PAVEMENT LIKE UTILITY CUTS OR EDGE REPAIR SHALL BE MILLED AND RESURFACED FOR 50' EACH WAY PAST THE LIMIT OF THE DAMAGE PER CITY OF DELRAY BEACH STANDARD DETAIL GU 1.0

LANDSCAPE NOTE

ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.0 & LD 2.0.

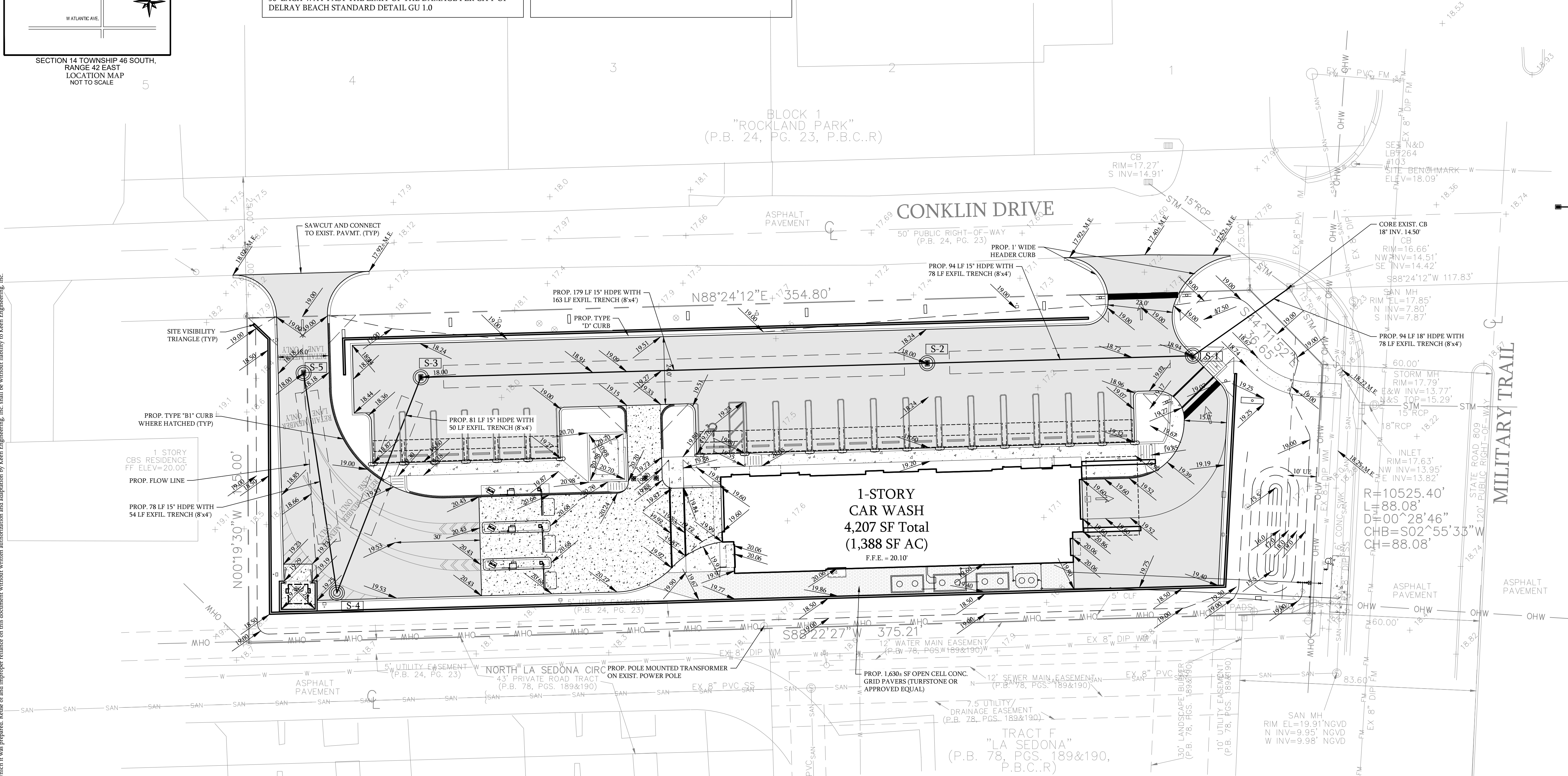
SEE LANDSCAPING PLANS FOR DETAILS.



0 20 40
SCALE FEET

LEGEND

- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED OPEN CELL CONC. GRID PAVERS (TURBSTONE OR EQUAL)
- PROPOSED DRAINAGE INLET AND PIPE WITH EXFIL. TRENCH
- PROPOSED ELEVATION
- EXISTING ELEVATION



PAVING GRADING AND DRAINAGE NOTES

- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED.
- EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- CONTRACTOR TO REVIEW SFWMD DEWATERING PERMIT REQUIREMENTS AND APPLY AS NECESSARY.
- THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
- ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
- WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAWCUT THE FULL DEPTH OF EXISTING PAVEMENT FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
- FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE SPECIFICATIONS AND LOCAL JURISDICTIONAL AGENCY. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT OVER-COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
- ELEVATIONS SHOWN AT CURBLINE ARE EDGE OF PAVEMENT UNLESS SPECIFIED OTHERWISE.
- POLLUTION RETARDANT BAFFLES AND SUMPS REQUIRED FOR EXFILTRATION TRENCH.
- ACCESSIBLE ROUTE TO ACCESSIBLE SPACES, BUILDING ENTRANCES, AND PUBLIC STREETS SHALL NOT EXCEED 5% RUNNING SLOPE AND 2% CROSS SLOPE.
- ALL CONSTRUCTION AND RESTORATION WORK WITHIN PALM BEACH COUNTY RIGHT OF WAY SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT DESIGN STANDARDS AND THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL CONSTRUCTION AND RESTORATION WORK WITHIN CITY OF DELRAY BEACH RIGHT OF WAY SHALL COMPLY WITH THE CITY'S STANDARDS AND SPECIFICATIONS.

DRAINAGE STRUCTURE SCHEDULE					
STRUCTURE NO.	STRUCTURE TYPE	GRATE/RIM EL.	INVERT EL.	PRB ON INVERT	BLEEDER
S-1	P-9	18.84	14.50 (15" W, 18" NE)	W	3" INV. TRI 16.50'
S-2	C-TOP, P-BOT.	18.00	14.50 (15" E, W)	E, W	
S-3	C-TOP, P-BOT.	18.00	14.50 (15" E, SW)	E, SW	
S-4	4' MANHOLE	19.76	14.50 (15" NW, NE)		
S-5	C-TOP, P-BOT.	18.00	14.50 (15" SE)	SE	

- ALL STRUCTURES SHALL BE PER FDOT INDEX 200.
- ALL FRAMES AND GRATES IN VEHICULAR USE AREAS SHALL BE TRAFFIC LOAD BEARING.
- ALL INVERTS TO PIPES CONNECTED TO EXFILTRATION TRENCHES SHALL HAVE P.R.B. INSTALLED.

PALM BEACH COUNTY NOTES

- IF DURING THE PROPOSED CONSTRUCTION/CROSSING ANY EXISTING PB COUNTY STORM DRAIN PIPE/STRUCTURES ARE AFFECTED IN ANY WAY PB COUNTY R&B REQUIRES FULL RESTORATION OF THE AFFECTED SYSTEM TO LIKE OR BETTER THEN LIKE CONDITION AND TO PB COUNTY/FDOT STANDARDS.
- ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP, LANE WIDTH MIN, AND 50' IN EITHER DIRECTION.(THOROUGHFARE) AND 25' MIN. RESTORATION (NON-THOROUGHFARE).
- IF ANY ADDITIONAL LANES ARE AFFECTED FOR ANY REASON DURING CONSTRUCTION, PB COUNTY R&B WILL REQUIRE THE ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES.
- IF PB COUNTY SIDEWALK / PATHWAY / C&G / AND OR ADA FACILITIES ARE AFFECTED PB COUNTY R&B WILL REQUIRE RESTORATION OF A MINIMUM OF 10' AND TO BE LIKE OR BETTER THEN LIKE CONDITION PER / FDOT / PB COUNTY STANDARDS.
- SIDEWALKS WILL BE RESTORED BY REPLACING: TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED AT A CONTROL JOINT AND THREE FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED. (PER SITUATION)
- THE PERIMETER BERM SHALL BE AT OR ABOVE THE 25 YEAR 3 DAY STAGE FOR THE ENTIRE SITE (19.0' NAVD 88)

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PROJECT #
019-04

DATE
01-21-2025

SCALE
AS NOTED

DESIGNED BY
EW

DRAWN BY
TZ

CHECKED BY
EW

14145 S MILITARY TRAIL

DELRAY BEACH

PALM BEACH COUNTY, FL

KEEN Engineering Inc.

7280 W PALMETTO PARK RD., SUITE 105, BOCA RATON, FL 33433

CA931195

PHONE: 561-325-6700

PAVING, GRADING
AND
DRAINAGE PLAN

SHEET NUMBER
C-200

LICENSED PROFESSIONAL

ERIK J. WILCZEK

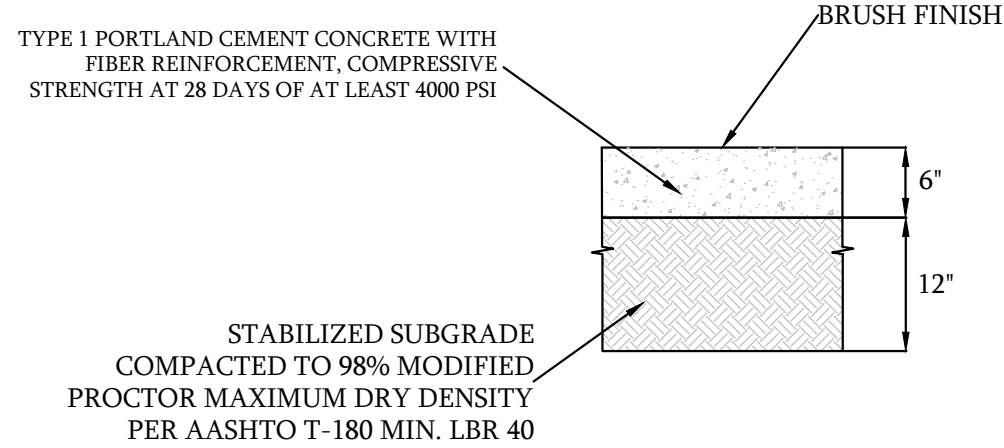
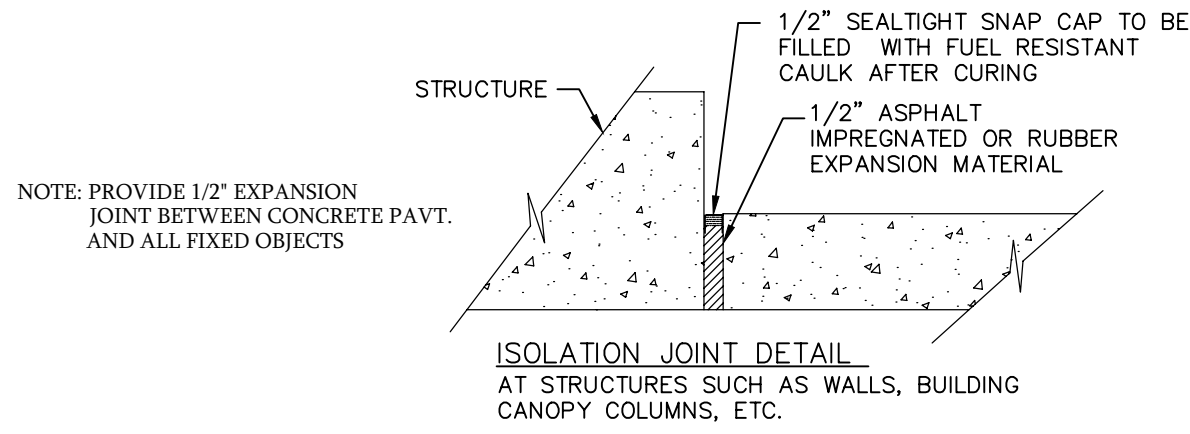
FL LICENSE NUMBER
58216

REVISIONS

DATE

BY

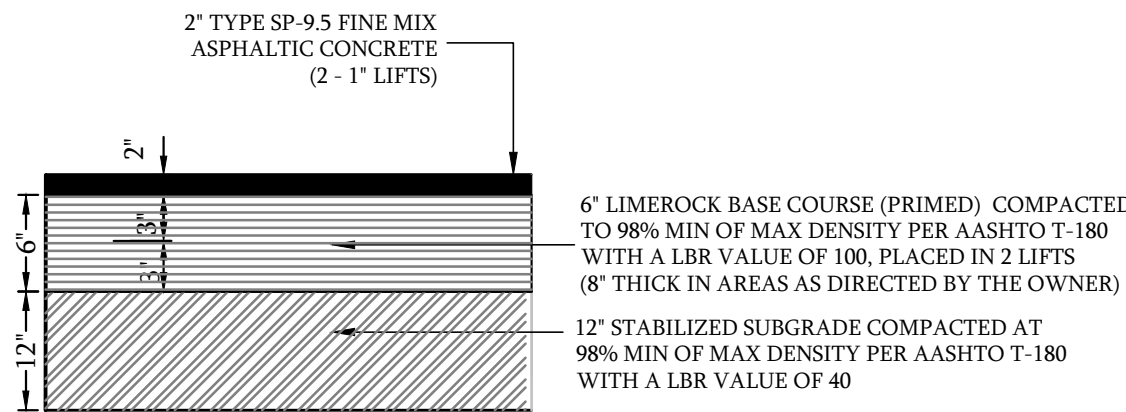
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NOTE: TO BE CONSTRUCTED PER FDOT SPECIFICATIONS (SECTIONS 350) AND GEOTECHNICAL ENGINEERING REPORT

HEAVY DUTY CONCRETE

N.T.S.



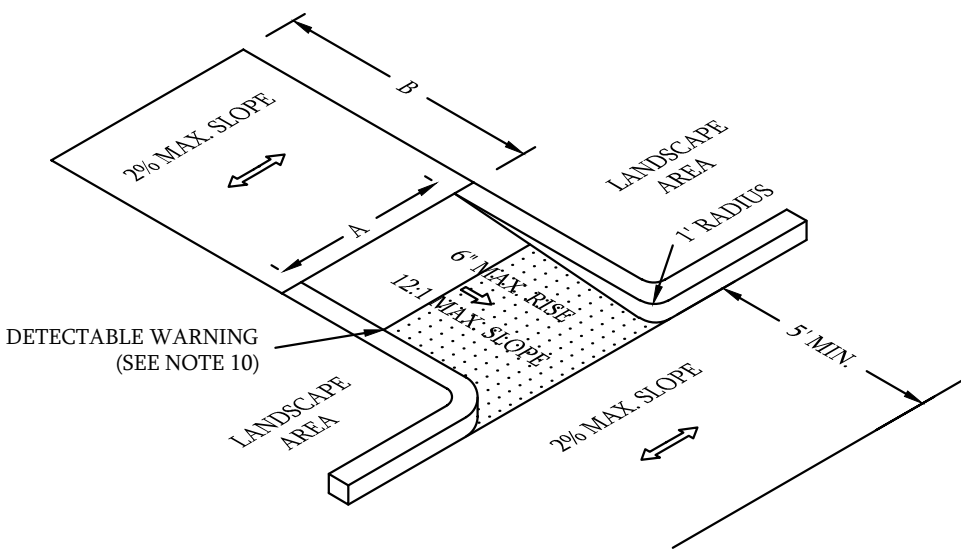
ASPHALT PAVEMENT DETAIL

N.T.S.

NOTE:

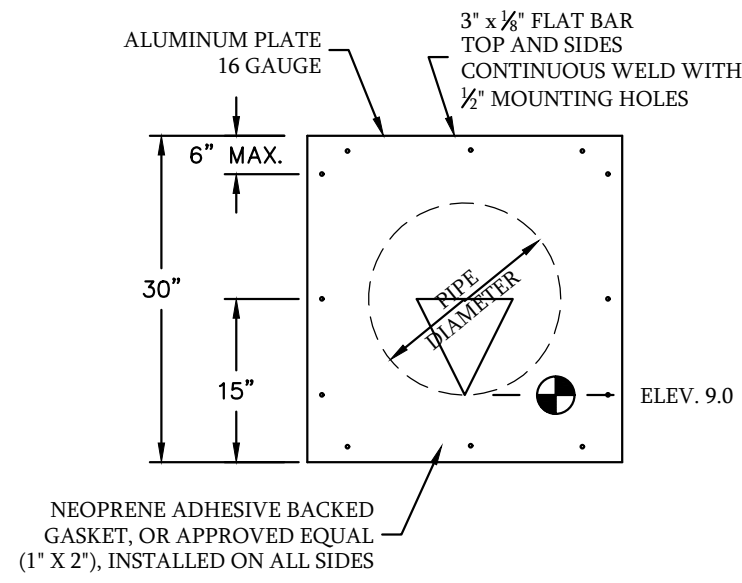
BITUMINOUS ASPHALT COARSE MAY BE INSTALLED IN TWO SEPARATE LIFTS TO ALLOW MOBILIZATION OF EQUIPMENT. THE SECOND LIFT OF ASPHALT SHALL NOT BE PLACED UNTIL ALL OTHER WORK ON THE SITE HAS BEEN COMPLETED. UPON COMPLETION OF SECOND LIFT OF ASPHALT, ANY SCRATCHES, GOUGES, OR LOSS OF AGGREGATE WILL NOT BE ACCEPTED. CONTRACTOR TO REMEDY ALL HOLES, BLEMISHES, ETC. PRIOR TO THE UNIFORM INSTALLATION OF SECOND LIFT. AFTER SECOND LIFT OF ASPHALT IS INSTALLED, TRAFFIC ROLLING IS REQUIRED.

RAMP LOCATION	MINIMUM DIMENSION	
	A	B
AT OUTSWING DOOR	44"	60"
AT INSWING/SLIDING DOOR	44"	48"
NO DOORWAY	36"	36"

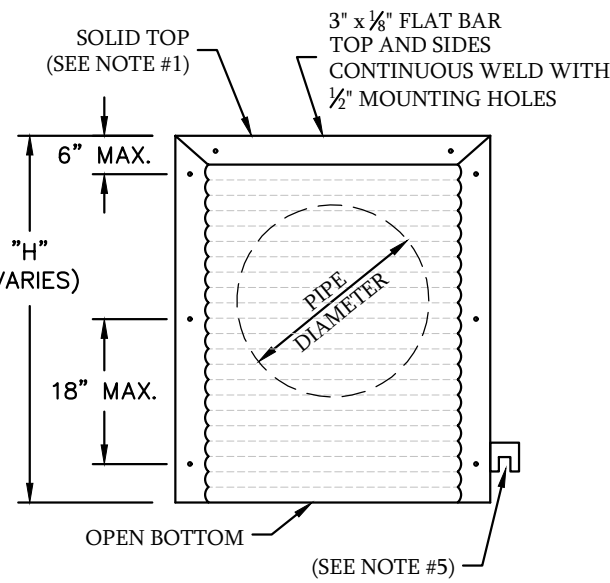


ACCESSIBLE RAMPS

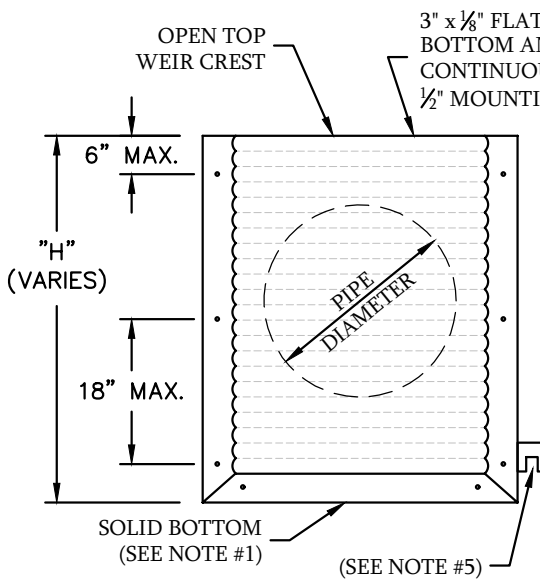
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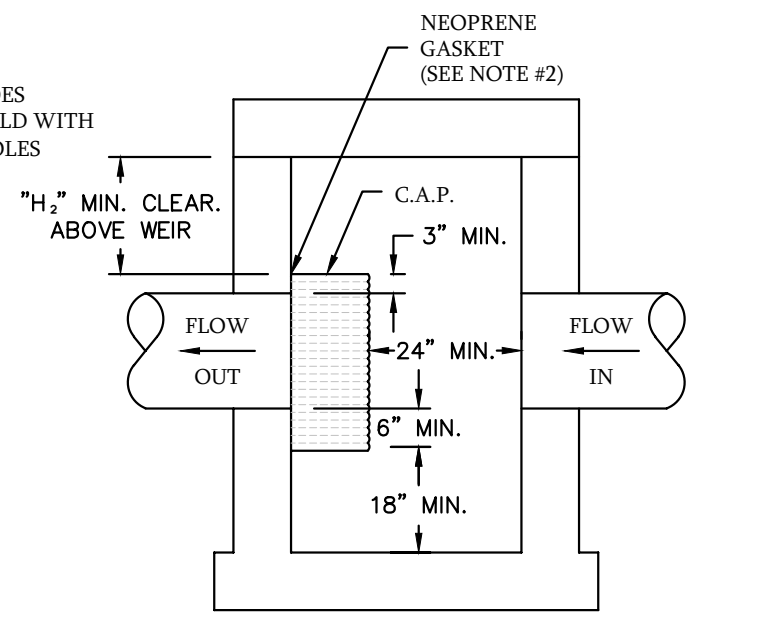
FRONT VIEW BLEEDER DETAIL



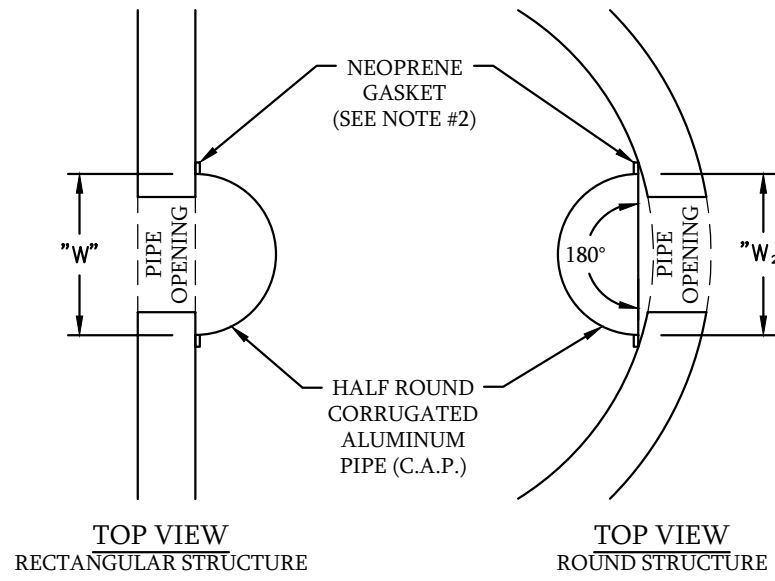
FRONT VIEW P.R.B. DETAIL



FRONT VIEW WEIR DETAIL

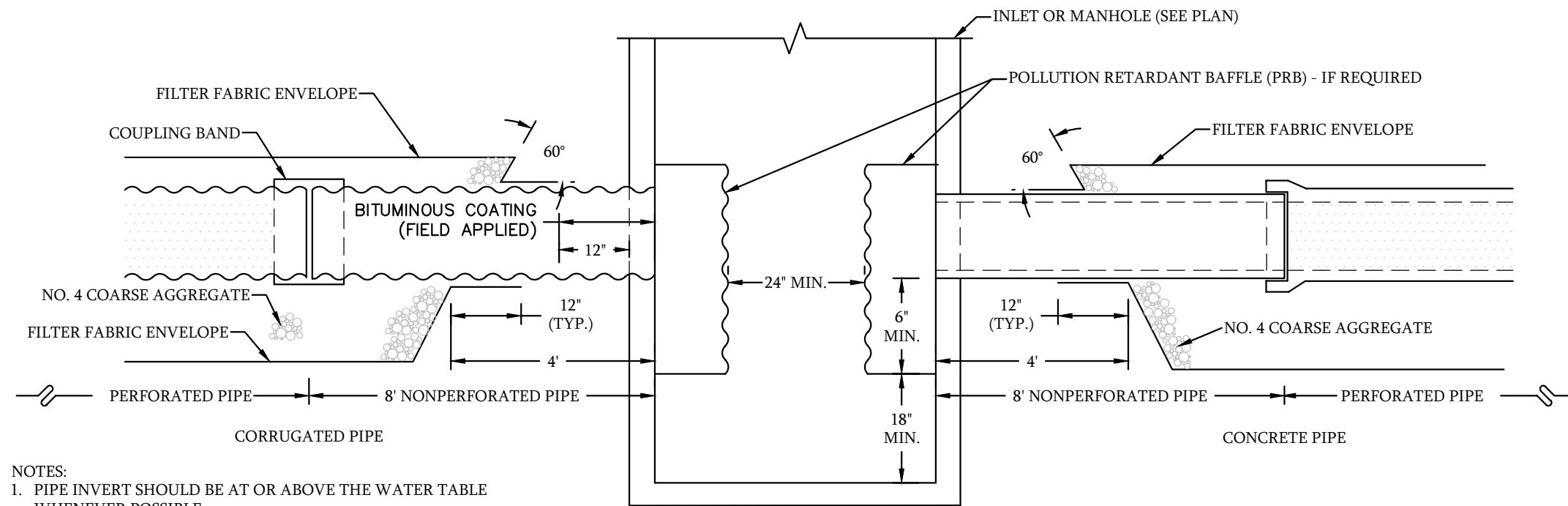


SIDE VIEW

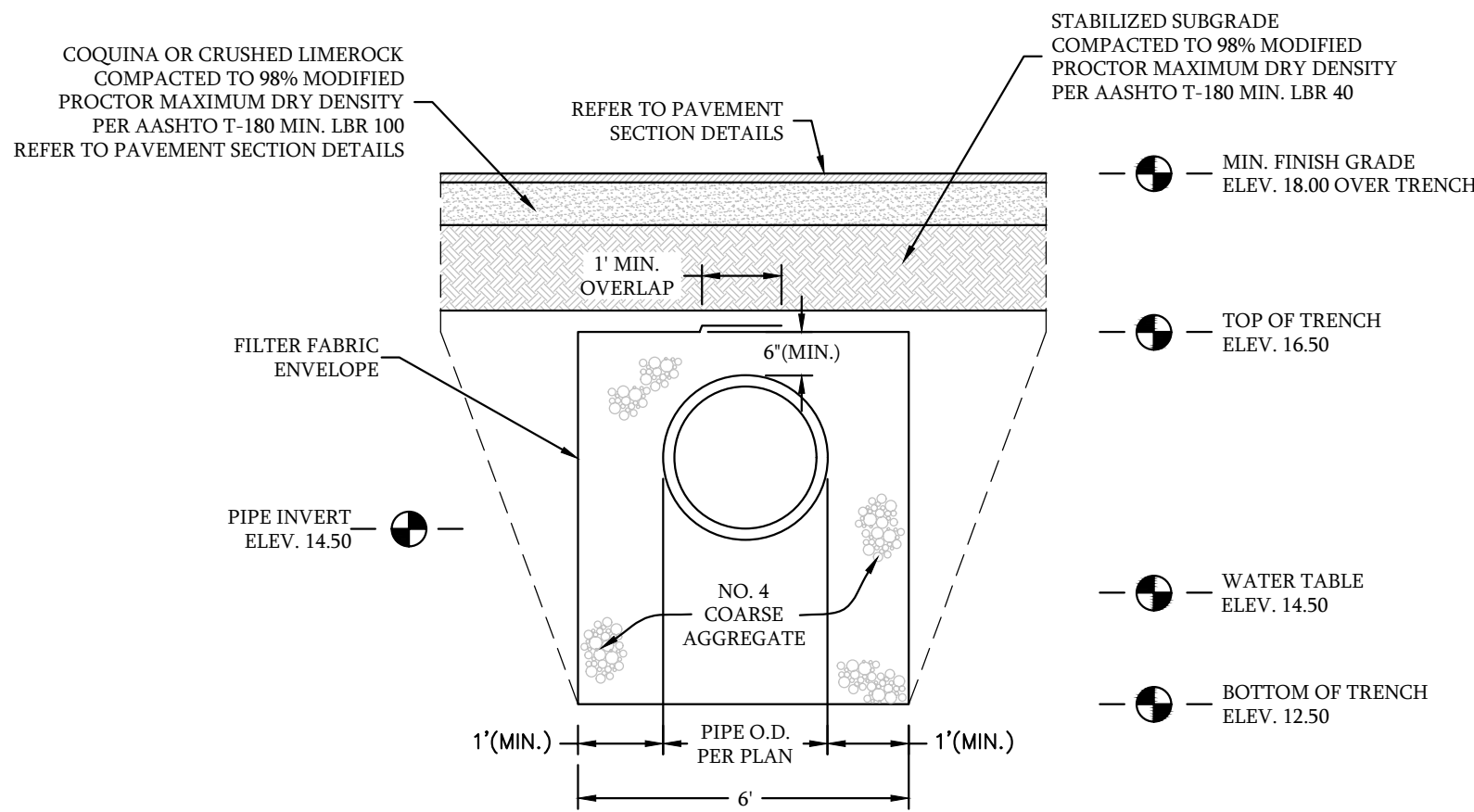


POLLUTION RETARDANT BAFFLE (PRB) AND WEIR DETAILS

N.T.S.



- NOTES:
- PIPE INVERT SHOULD BE AT OR ABOVE THE WATER TABLE WHENEVER POSSIBLE.
 - THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT CONTAMINATION OF THE TRENCH WITH SAND, SILT AND FOREIGN MATERIALS.
 - THE 12" DIAMETER WEEP HOLE SHALL BE ELIMINATED, WHEN THE BOTTOM OF THE INLET IS BELOW THE NORMAL WATER TABLE, UNLESS OTHERWISE SHOWN IN THE PLANS.



EXFILTRATION TRENCH

N.T.S.

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LICENSED PROFESSIONAL
ERIK J. WILCZEK
FL LICENSE NUMBER
58216

PROJECT #
019-04
DATE
01-21-2025
SCALE
AS NOTED
DESIGNED BY
EW
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TZ
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EW

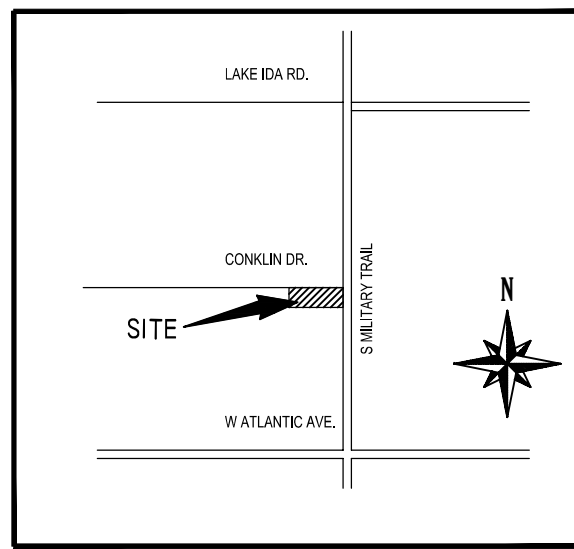
14145 S MILITARY TRAIL

KEEN
Engineering Inc.

7280 W PALMETTO PARK RD., SUITE 105, BOCA RATON, FL 33433
PHONE: 561-325-6700 CA#31195

PAVING, GRADING &
DRAINAGE DETAILS

SHEET NUMBER
C-201

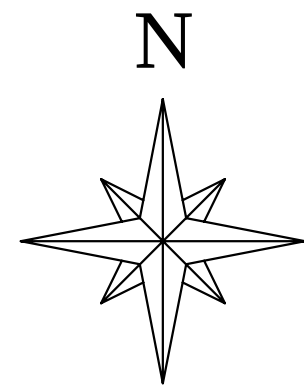


SECTION 14 TOWNSHIP 46 SOUTH,
RANGE 42 EAST
LOCATION MAP
NOT TO SCALE

LANDSCAPE NOTE

ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.0 & LD 2.0.

SEE LANDSCAPING PLANS FOR DETAILS.



0 20 40
SCALE FEET

LEGEND

- PROPOSED EASEMENT
- EXISTING EASEMENT
- EXISTING WATER MAIN
- EXISTING SANITARY SEWER

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LICENSED PROFESSIONAL
ERIK J. WILCZEK
FL LICENSE NUMBER
58216

No.	REVISIONS	DATE	BY

PROJECT # 019-04	DATE 01-21-2025
SCALE AS NOTED	DESIGNED BY EW
DRAWN BY TZ	CHECKED BY EW

14145 S MILITARY TRAIL
PALM BEACH COUNTY, FL
DELRAY BEACH

KEEN
Engineering Inc.
7280 W PALMETTO PARK RD., SUITE 105, BOCA RATON, FL 33433
PHONE: 561-325-6700
CA#31195

**WATER AND SEWER
PLAN**

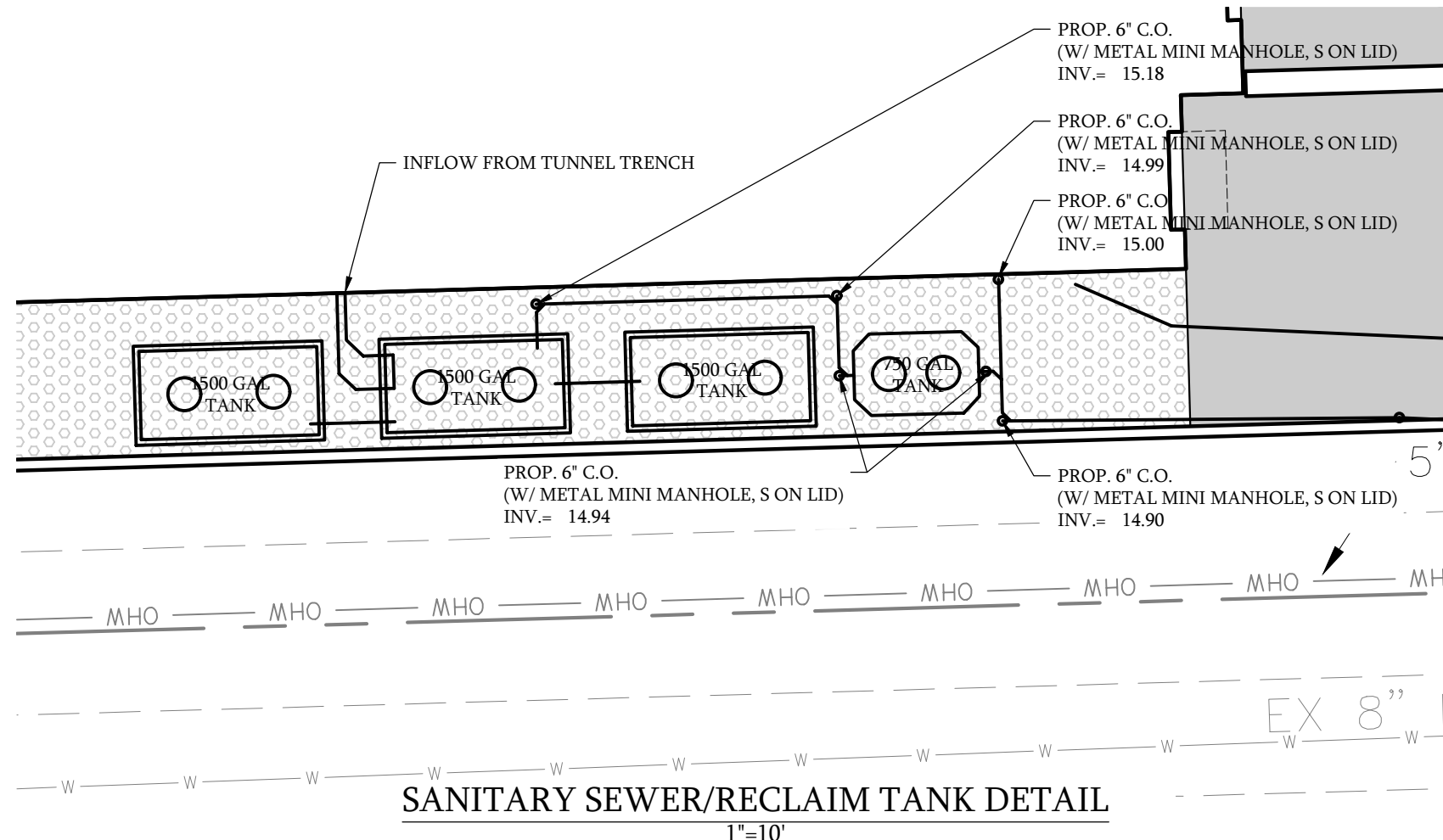
SHEET NUMBER
C-300

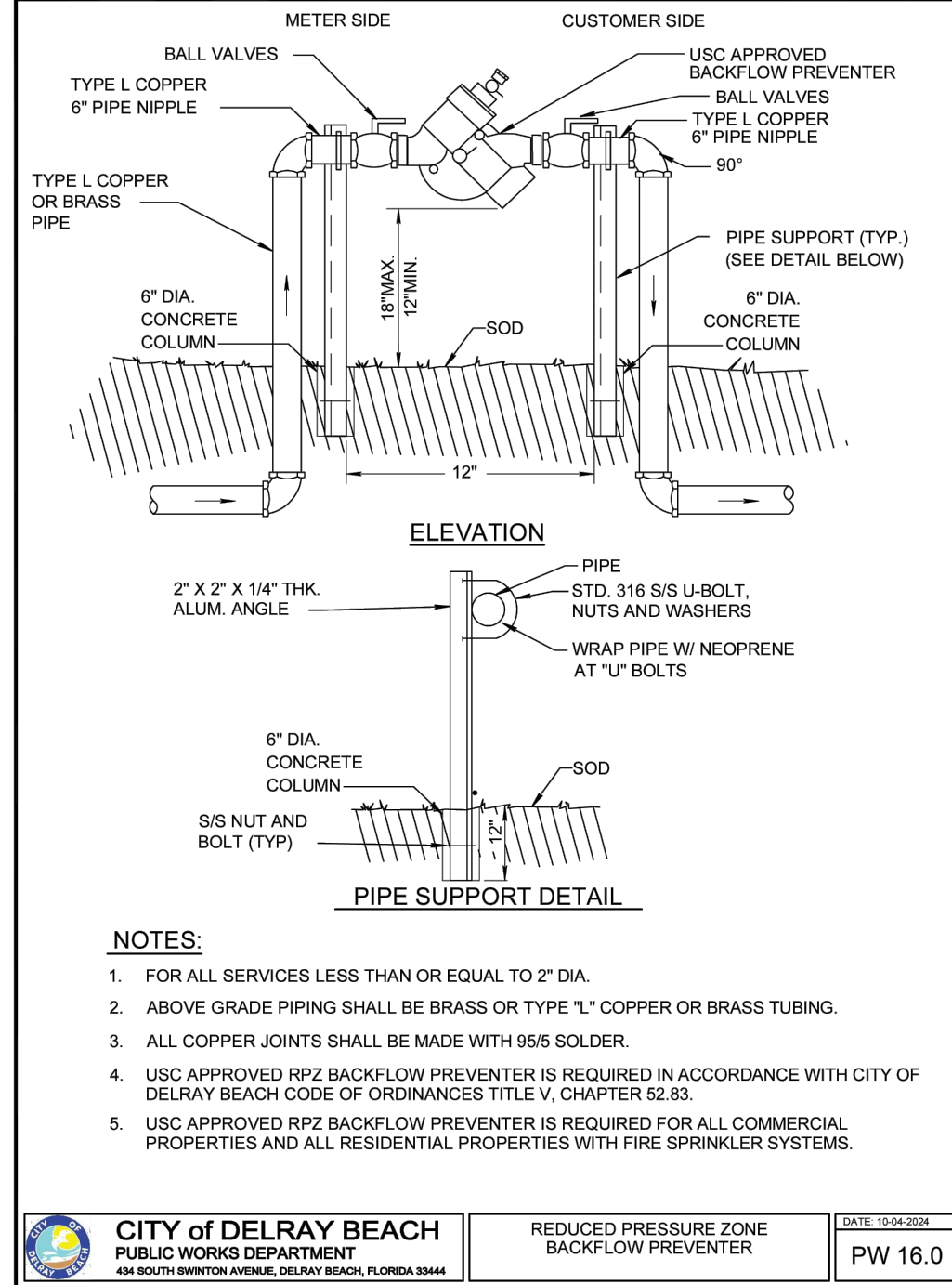
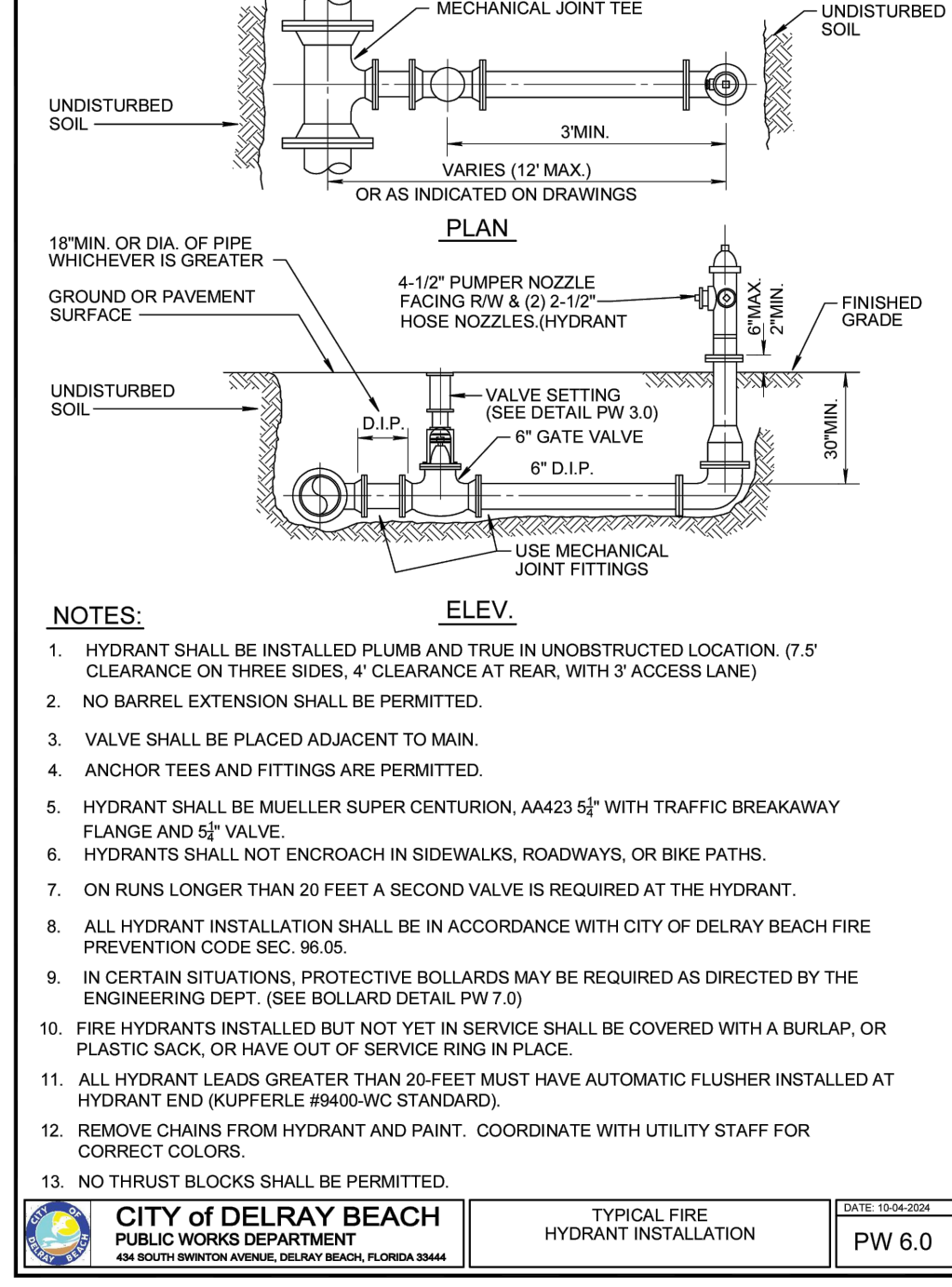
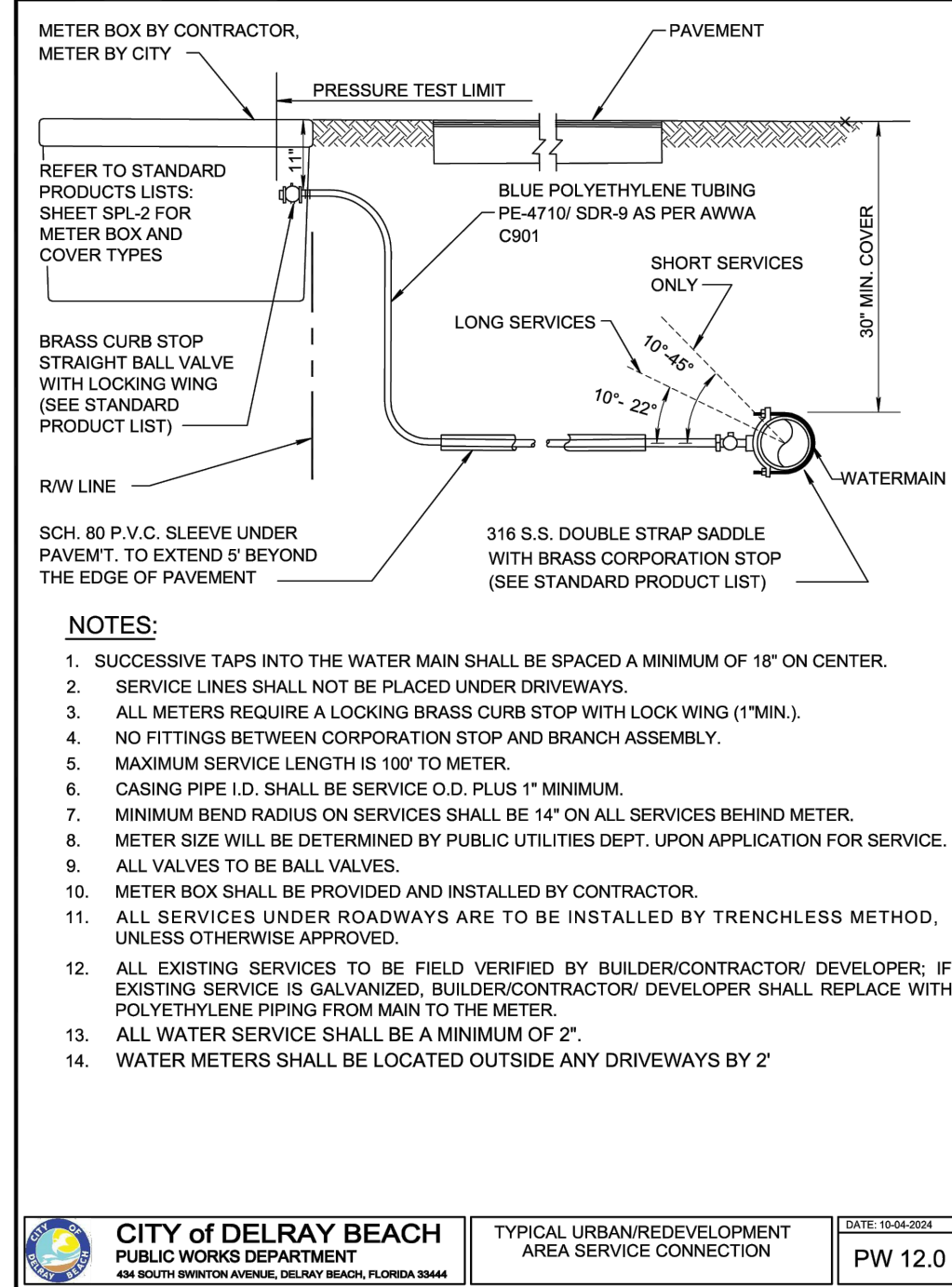
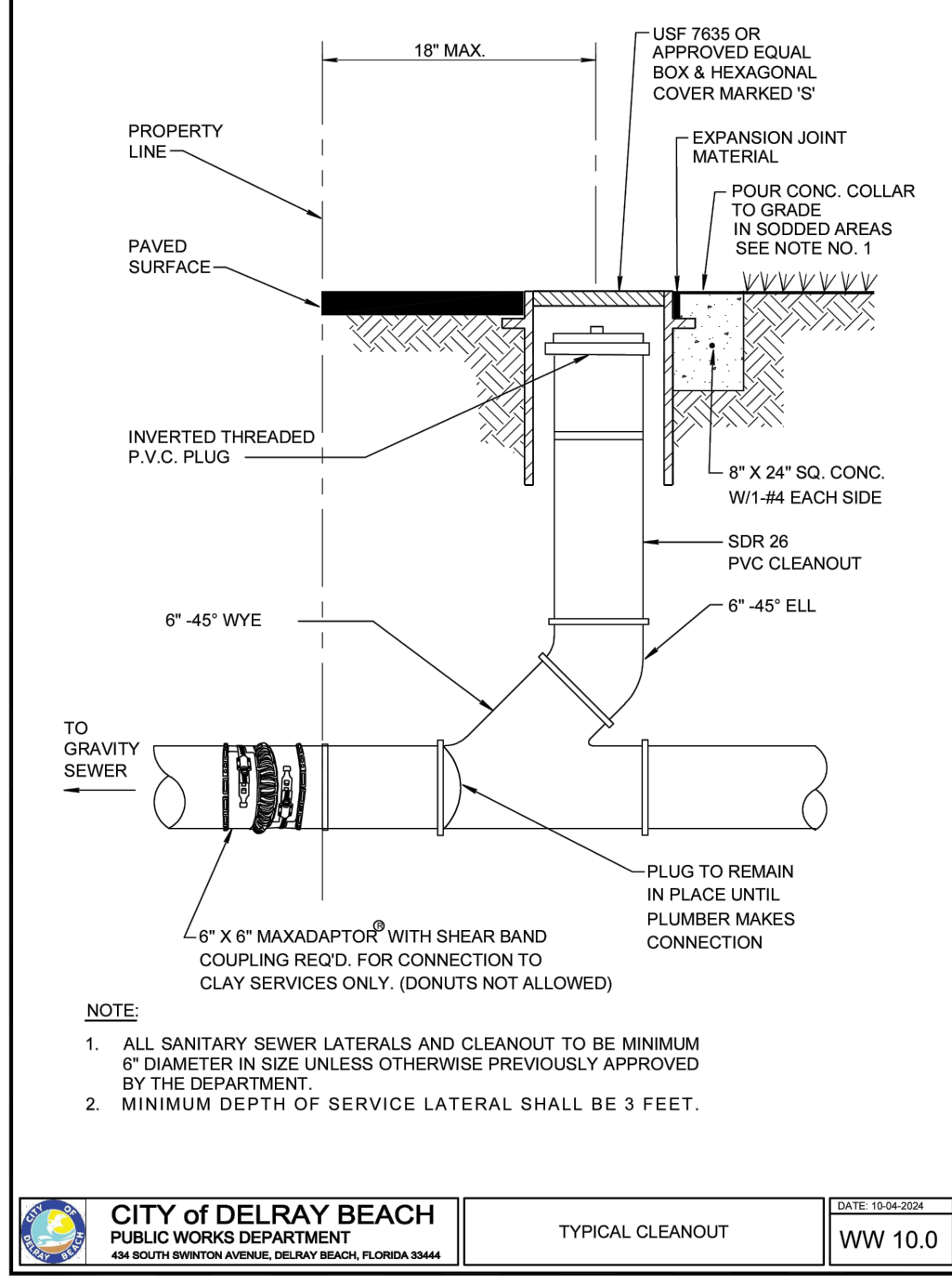
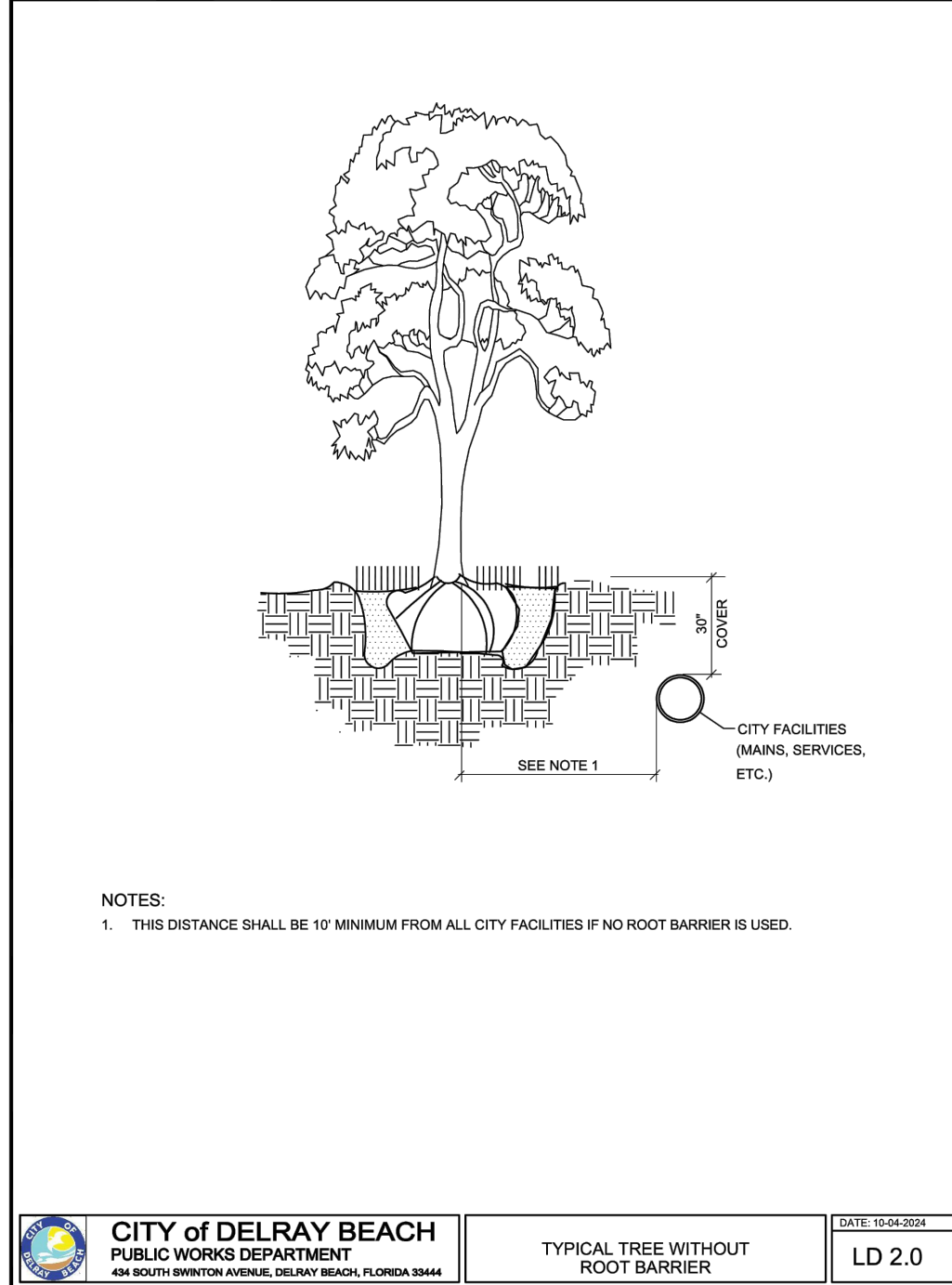
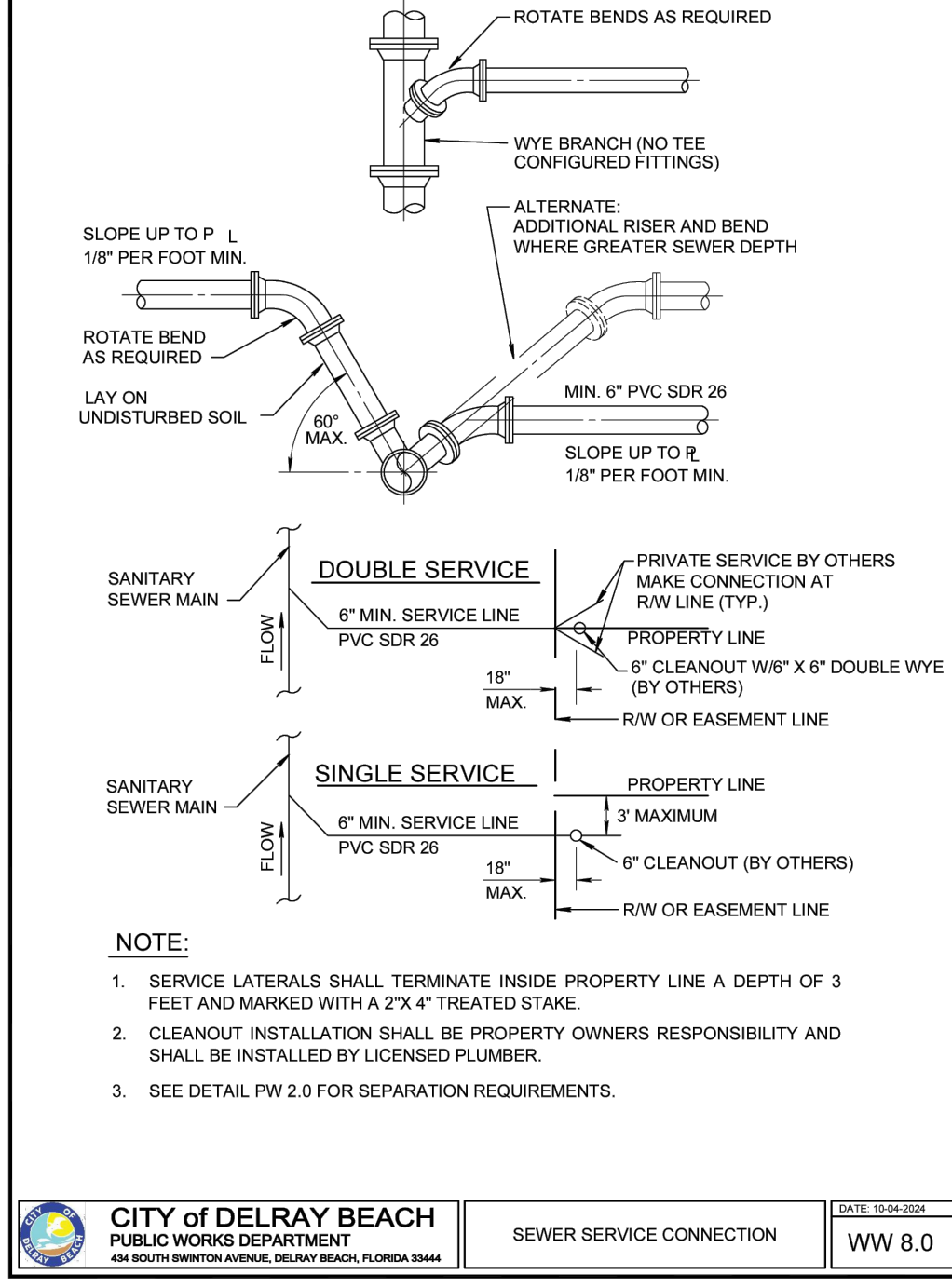
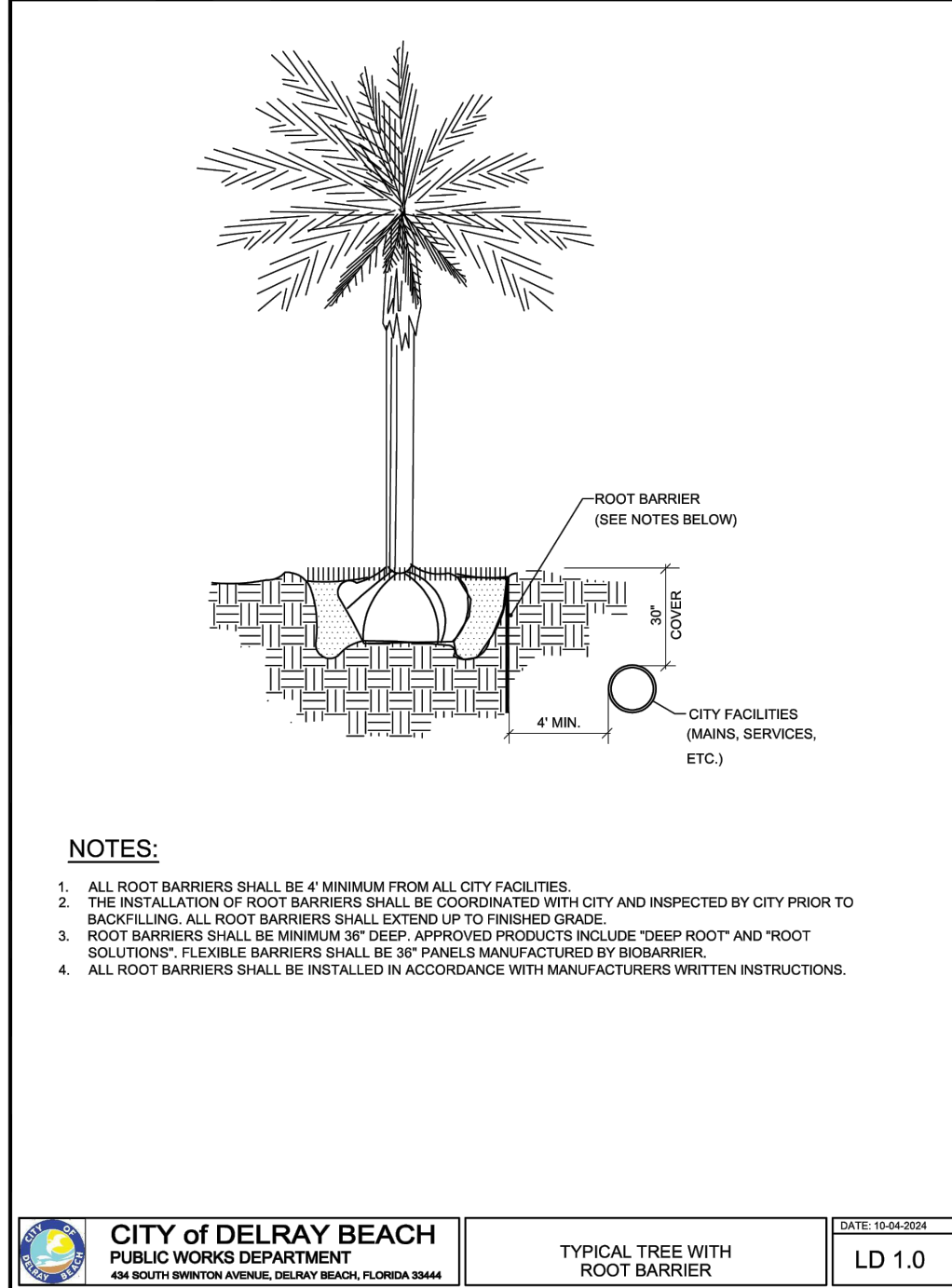
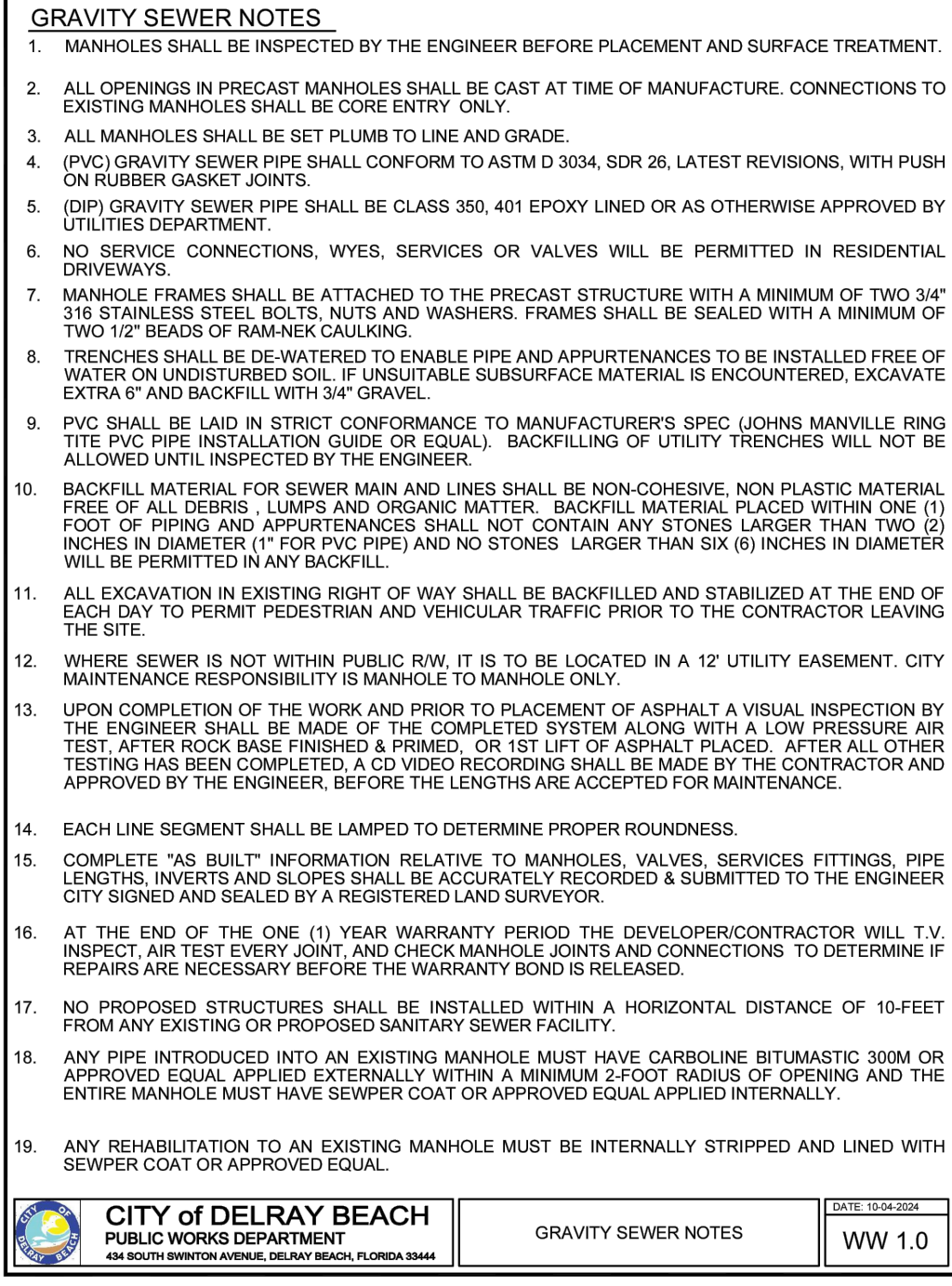
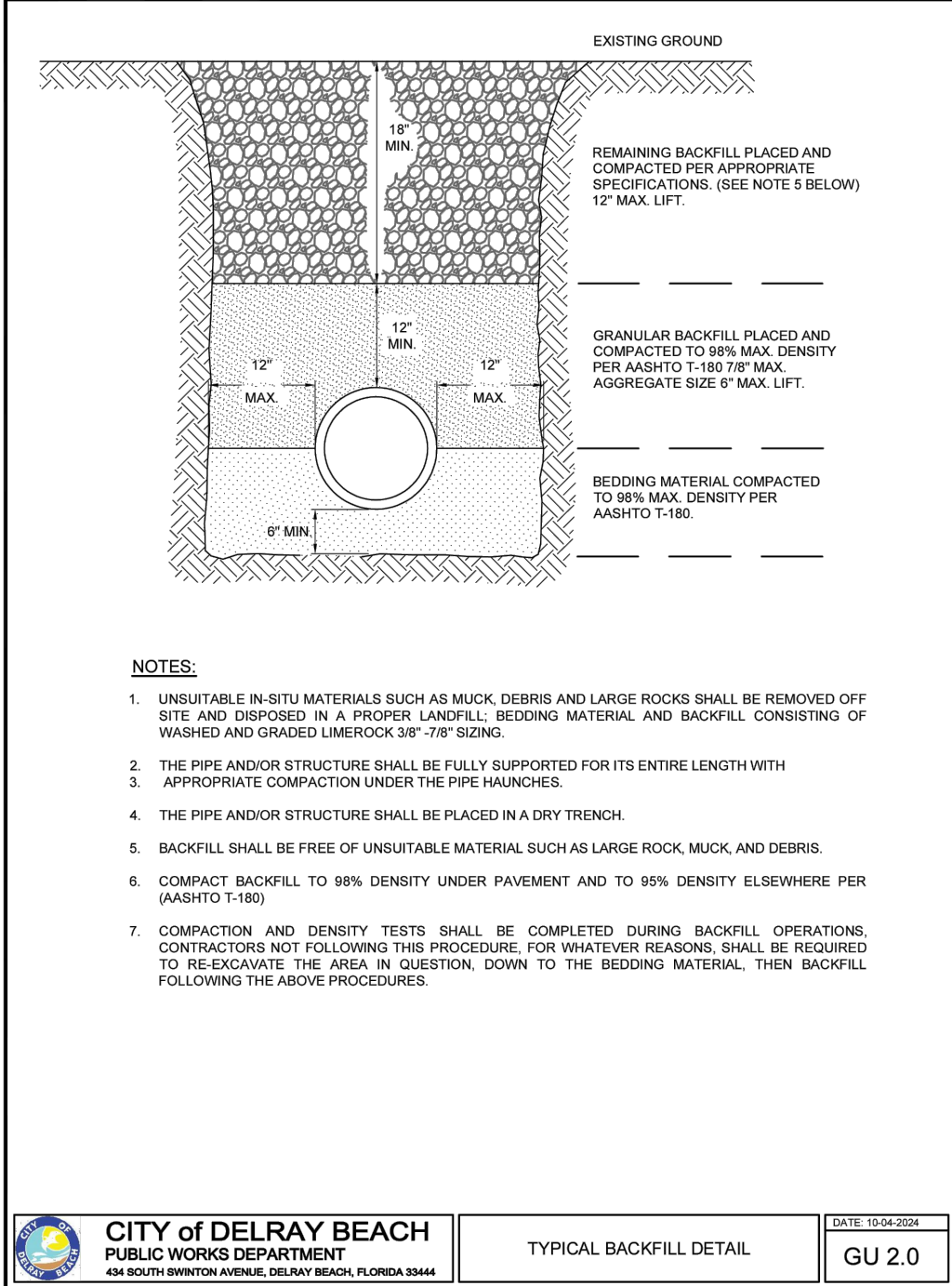
GENERAL NOTES

- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- SANITARY SEWER LATERALS SHALL BE 6" PVC SDR 26
- MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3 FT. OF COVER ON ALL WATER MAINS.
- EXISTING UTILITIES' SIZE AND MATERIAL SHALL BE VERIFIED IN FIELD BY THE CONTRACTOR PRIOR TO INSTALLATION OF ANY NEW LINES. CONTRACTOR TO REPAIR EXISTING UTILITY LINES AS NECESSARY TO MAINTAIN PROPER SEWER SYSTEM FUNCTION.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF DELRAY BEACH) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- CLEANOUT AT ROW (END OF CITY RESPONSIBILITY) ONLY IN A HEXAGON MINI MANHOLE. ALL OTHER PRIVATE CLEANOUTS BEYOND ROW CLEANOUT TO BE IN A ROUND METAL MINI MANHOLE WITH LETTER "S" ON THE LID.
- ALL SAND/OIL INTERCEPTORS MUST HAVE A MINIMUM 4" CLEANOUT ON BOTH THE ENTRY AND EXIT LINES. ALL MANHOLE LIDS FOR GREASE TRAP TO SAY "SAND/OIL".
- ALL GREASE TRAPS MUST HAVE A MINIMUM 4" CLEANOUT ON BOTH THE ENTRY AND EXIT LINES. ALL MANHOLE LIDS FOR GREASE TRAP TO SAY "GREASE".

CITY OF DELRAY BEACH NOTES

- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.1 & LD 1.2. PLEASE REFER TO THE LANDSCAPE PLANS FOR DETAILS.
- NO PROPOSED IMPROVEMENTS, BUILDINGS OR ANY KIND OF CONSTRUCTION CAN BE PLACED ON OR WITHIN ANY WATER, SEWER OR DRAINAGE EASEMENTS, UNLESS APPROVED BY THE CITY OF DELRAY BEACH CITY ENGINEER.
- NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10 FEET FROM ANY EXISTING OR PROPOSED WATER, SEWER OR DRAINAGE FACILITIES, UNLESS APPROVED BY THE CITY OF DELRAY BEACH CITY ENGINEER.
- THE CITY OF DELRAY BEACH UTILITIES DIVISION AT (561) 243-7312 MUST BE GIVEN AT LEAST 48 HOURS NOTIFICATION PRIOR TO ANY SHUT-DOWN AND/OR REMOVAL OF EXISTING WATER MAIN OR SANITARY SEWER LINES.
- PRIOR TO ANY SANITARY SEWER SERVICE CONNECTION, REMOVAL AND/OR ABANDONMENT, THE EXISTING SEWER LINE WILL BE TELEVIEWED AND CD SUBMITTED TO CITY OF DELRAY BEACH UTILITIES DIVISION. ENSURE THE CITY'S NUMBERING SYSTEM IS USED TO IDENTIFY MANHOLES.





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UTILITY DETAILS

SHEET NUMBER
C-301

KEEN Engineering Inc.

7280 W PALMETTO PARK RD., SUITE 105, BOCA RATON, FL 33433
PHONE: 561-325-6700 CA#31195

14145 S MILITARY TRAIL

DELRAY BEACH
PALM BEACH COUNTY, FL

PROJECT #
019-04

DATE
01-21-2025

SCALE
AS NOTED

DESIGNED BY
EW

DRAWN BY
TZ

CHECKED BY
EW

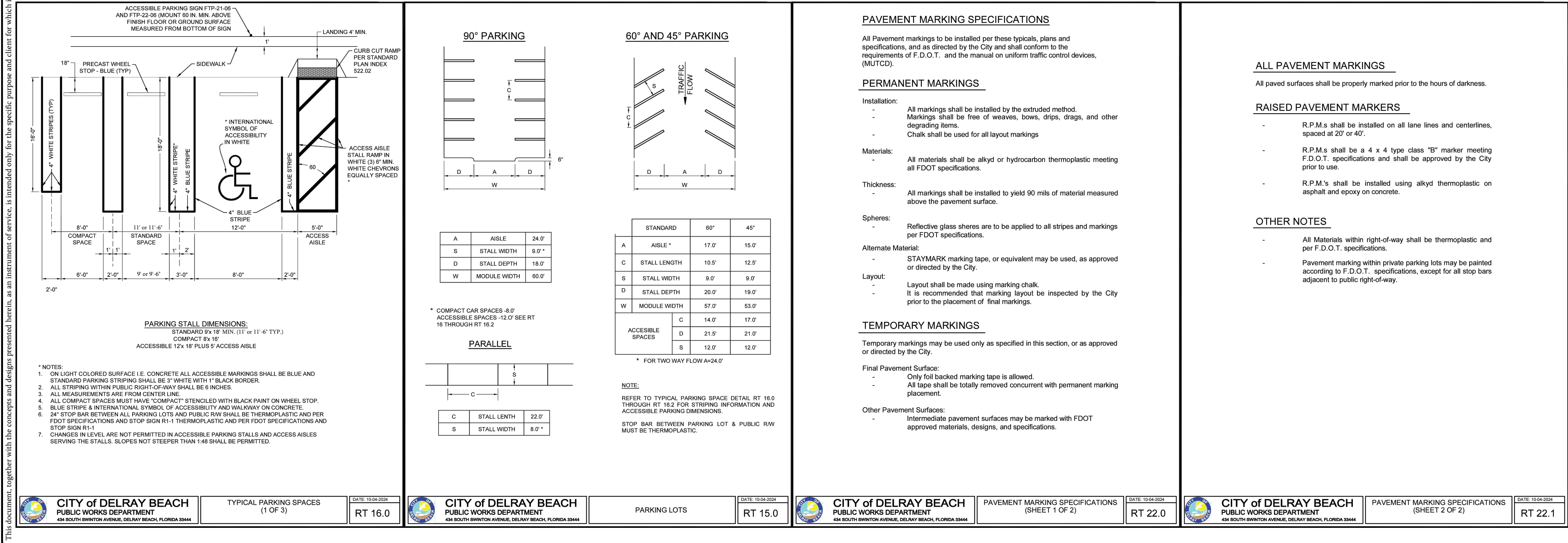
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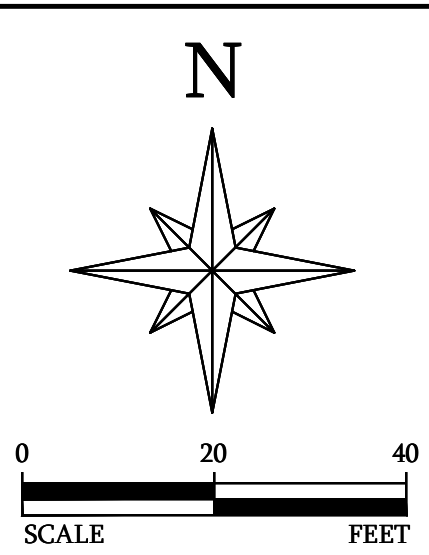
ERIK J. WILCZEK
FL LICENSE NUMBER
58216

REVISIONS

DATE

BY





LICENSED PROFESSIONAL	ERIK J. WILCEK	FL LICENSE NUMBER 58216
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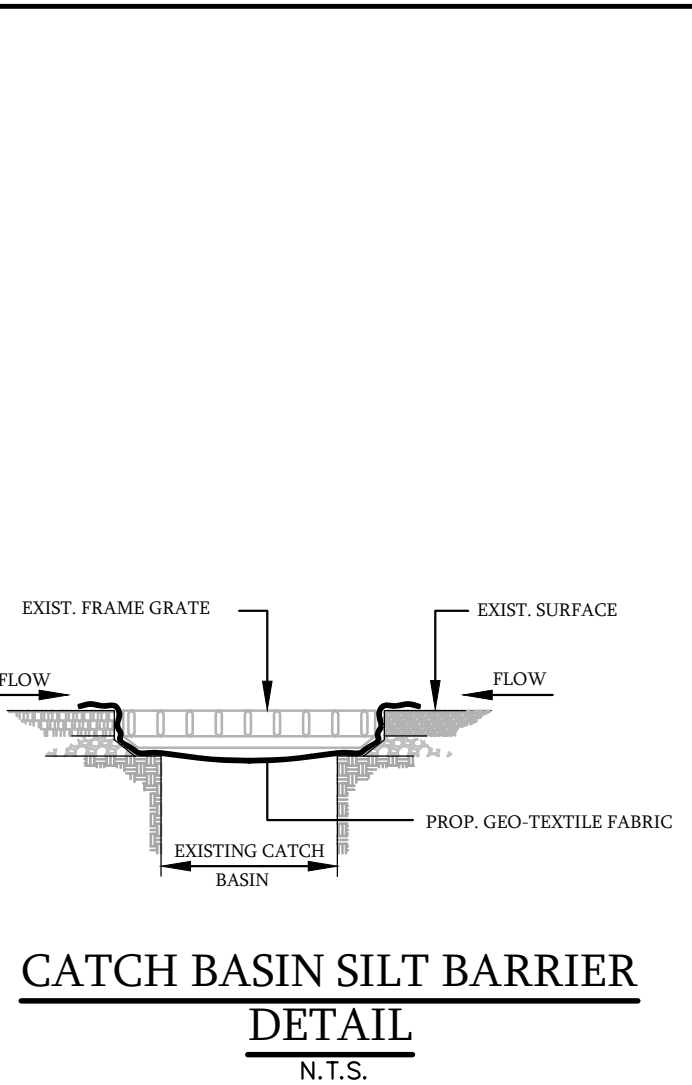
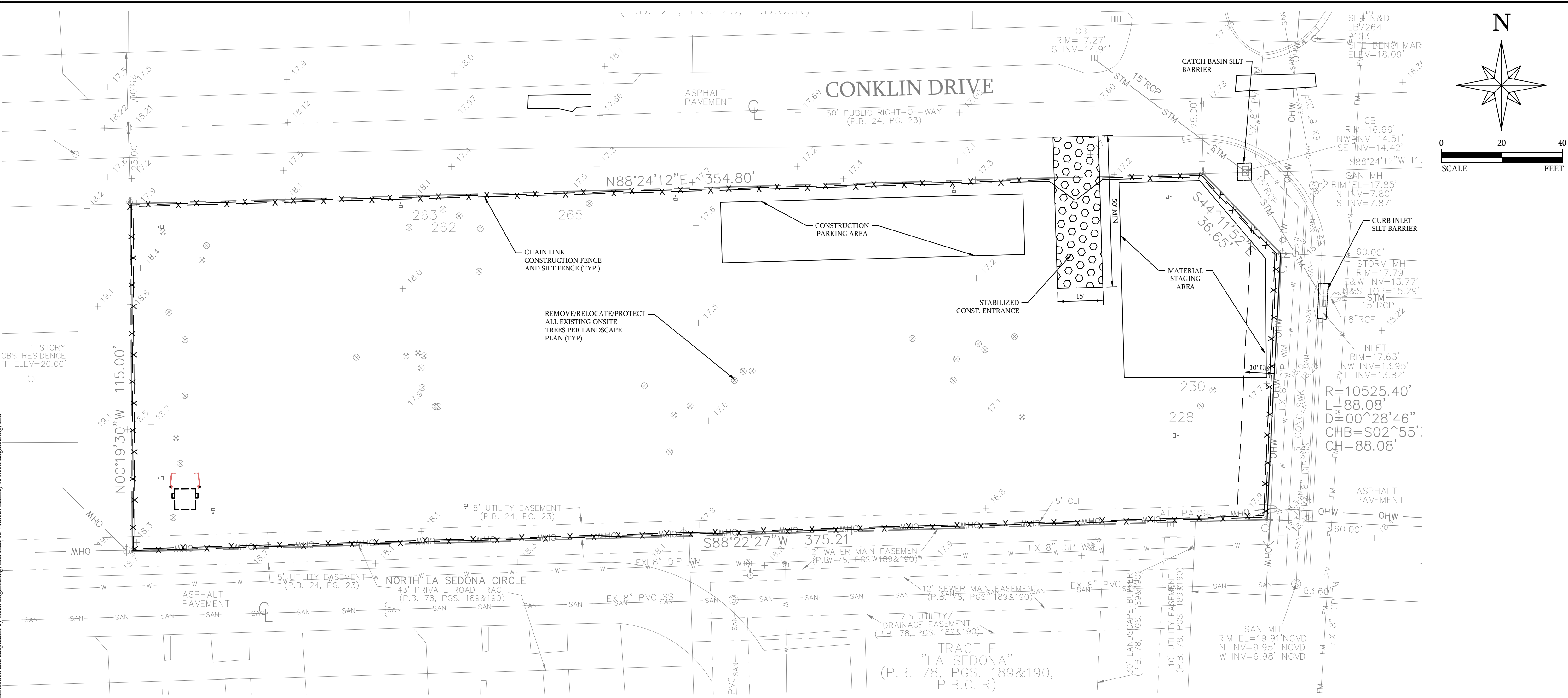
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DEMOLITION PLAN

SHEET NUMBER
C-500

1. ANY ONSITE LIGHT POLES TO BE REMOVED MUST HAVE THEIR SOURCE OF POWER TERMINATED AT THE SITE. CONTRACTOR TO CONFIRM NO POWER/LIGHTNING INTERRUPTIONS TO THE SURROUNDING PROPERTIES/PARCELS PRIOR TO PERFORMING WORK.
2. THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT ALL EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE PLAN. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN ON THIS DEMOLITION PLAN.
3. DEWATERING SHOULD BE ANTICIPATED AND INCLUDED IN THE CONTRACTOR'S BID.
4. REFER TO THE SWPPP FOR INLET PROTECTION AND EROSION AND SEDIMENT CONTROL.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO EXISTING CONCRETE OR ASPHALT TO REMAIN IF DAMAGED DURING CONSTRUCTION.
6. REFER TO THE LANDSCAPE PLANS FOR REMOVAL/RELOCATION OF LANDSCAPING AND IRRIGATION.
7. EXISTING WATER AND SEWER SERVICE DISCOVERED DURING CONSTRUCTION SHALL BE REMOVED AND CAPPED AT THE MAINS.
8. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD PRIOR TO REMOVING ANY ITEMS NOT SPECIFICALLY IDENTIFIED ON THIS PLAN.

Plotted By: Erik J. Wilczek, L30401-C-600 SWPP Plan, September 09, 2025, 12:02:46pm, K:\Keen\Public\VA\019-Jeffs Express\019-04 14145 S Military Trail Delray Beach CAD-C-600 SWPP Plan.dwg, Keen\Keen\Public\VA\019-Jeffs Express\019-04 14145 S Military Trail Delray Beach CAD-C-600 SWPP Plan.dwg, This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Keen Engineering, Inc. shall be without liability to Keen Engineering, Inc.



MAINTENANCE

ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION, (SUITABLE FOR PARKING STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.

* It should be noted that the measures identified on this plan are only suggested BMP(s). The contractor shall provide pollution prevention and erosion control measures as necessary to conform to current City, FDEP, and SFWMD codes and specifications.

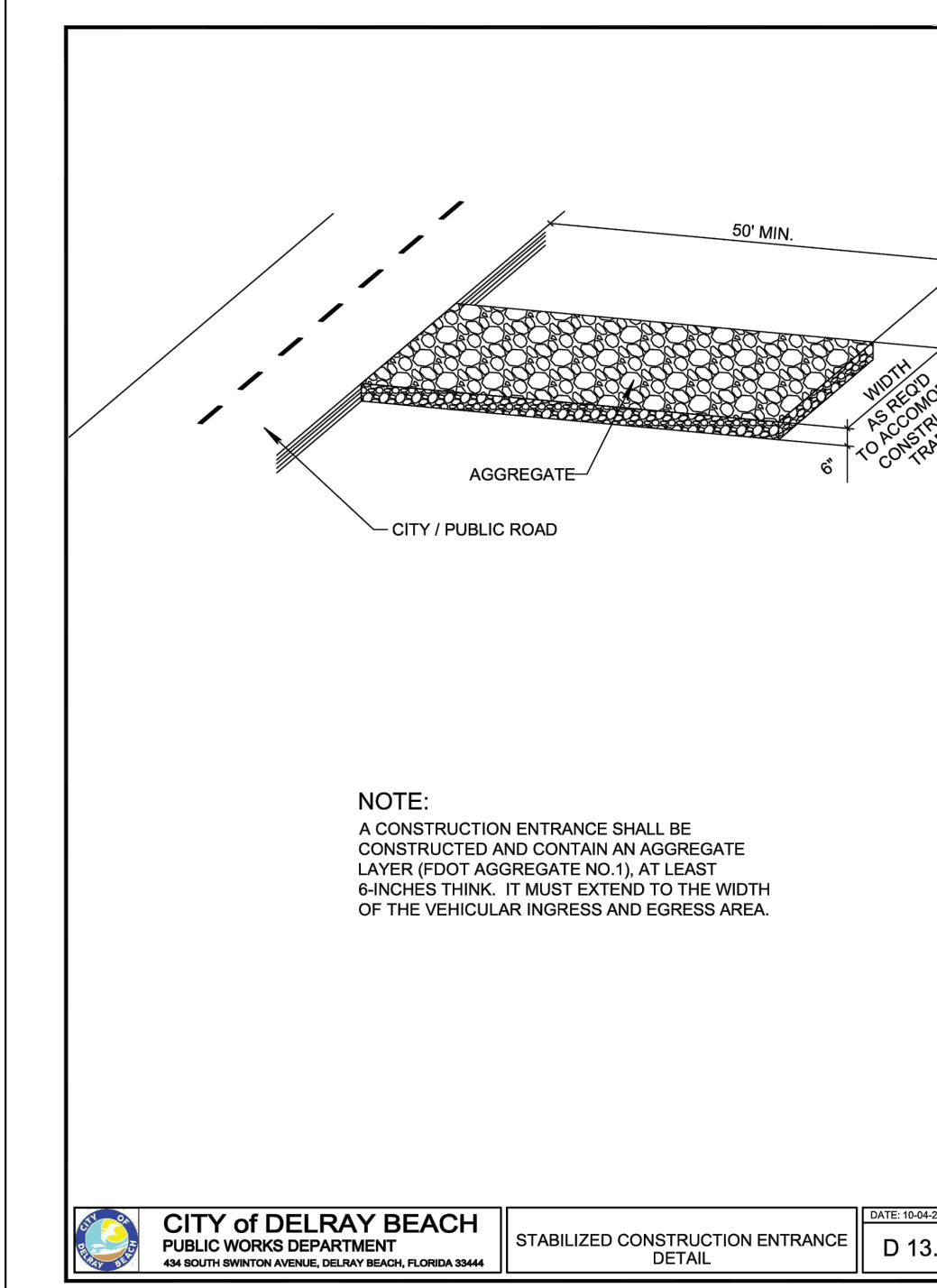
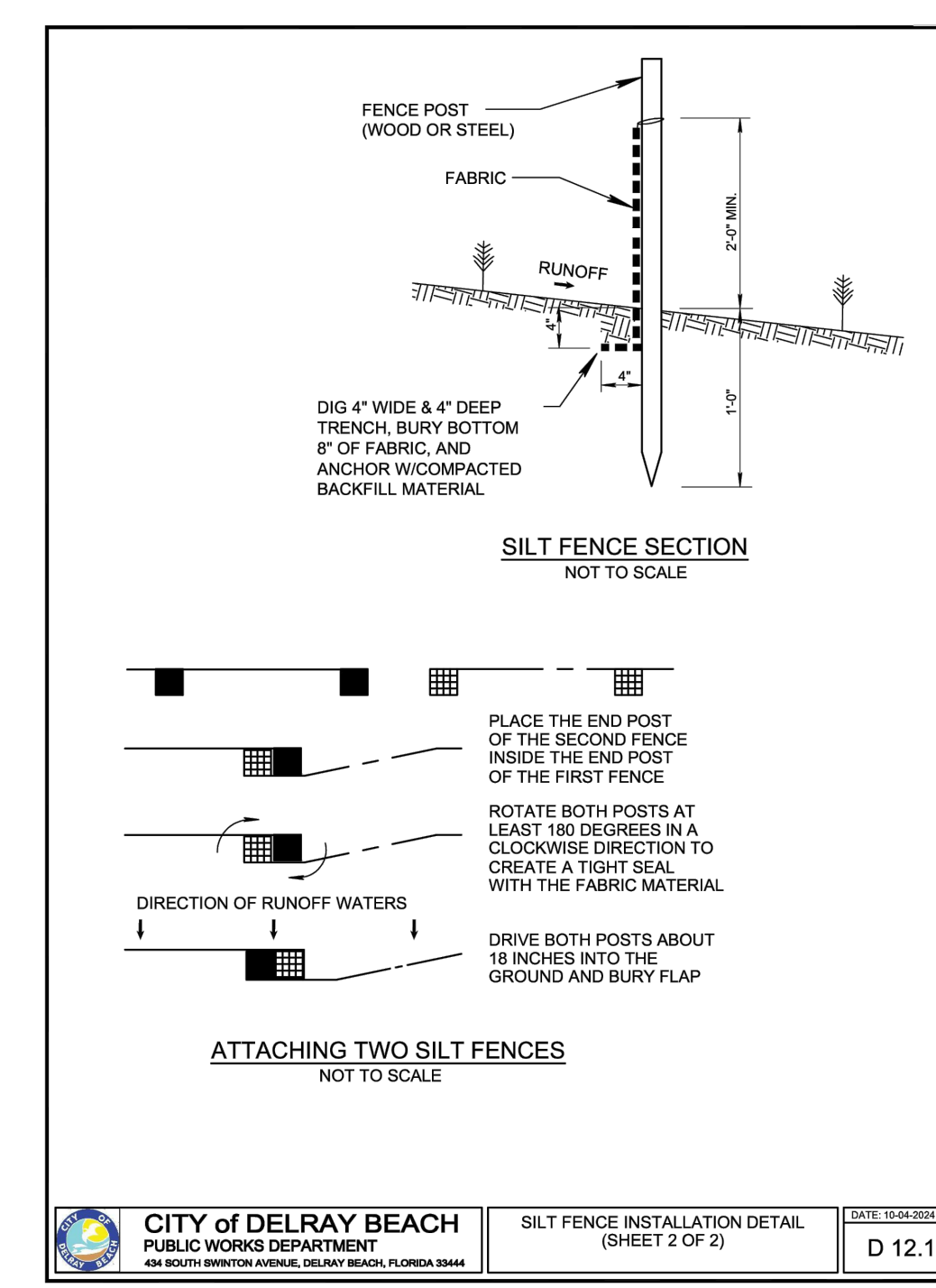
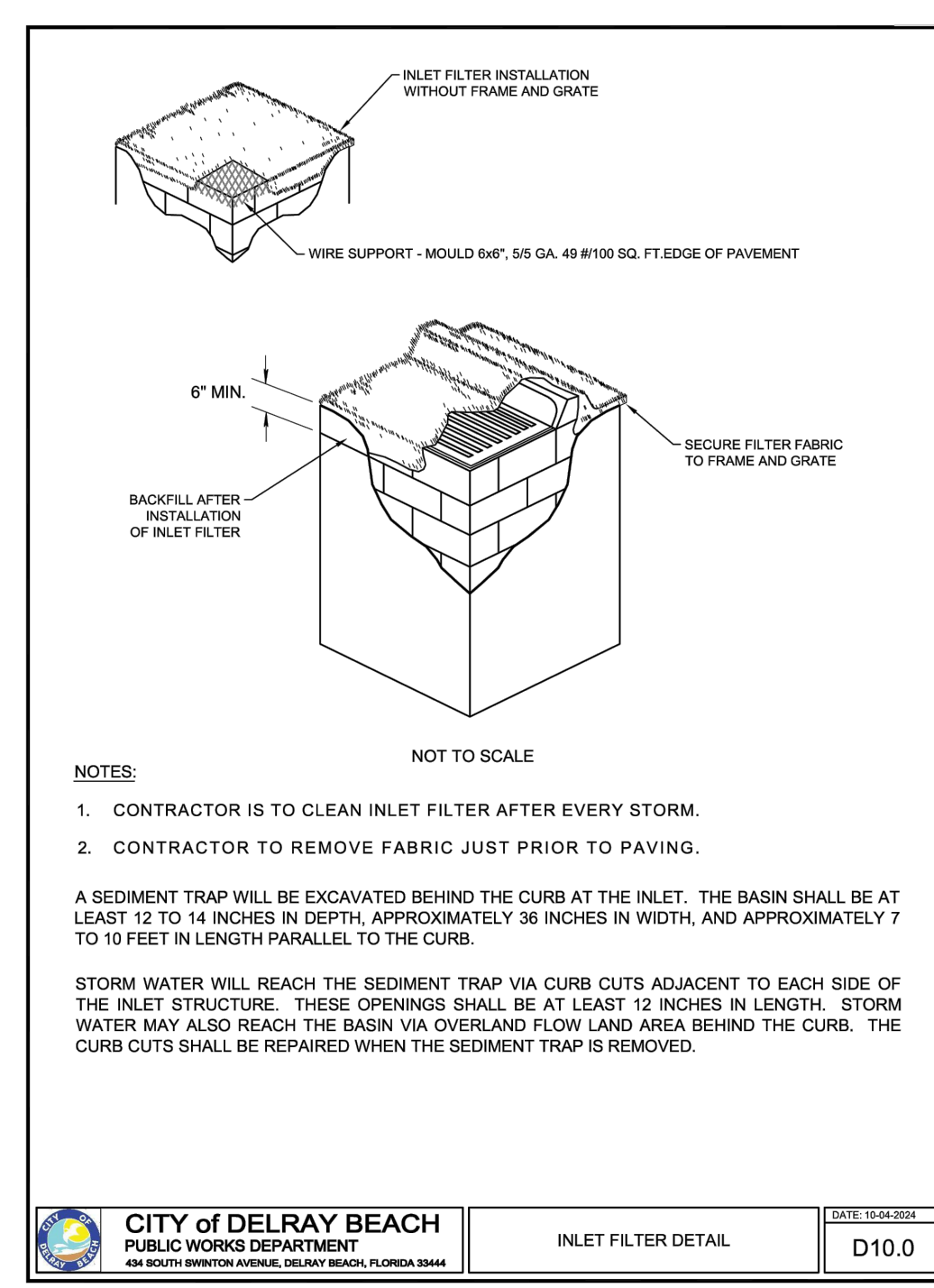
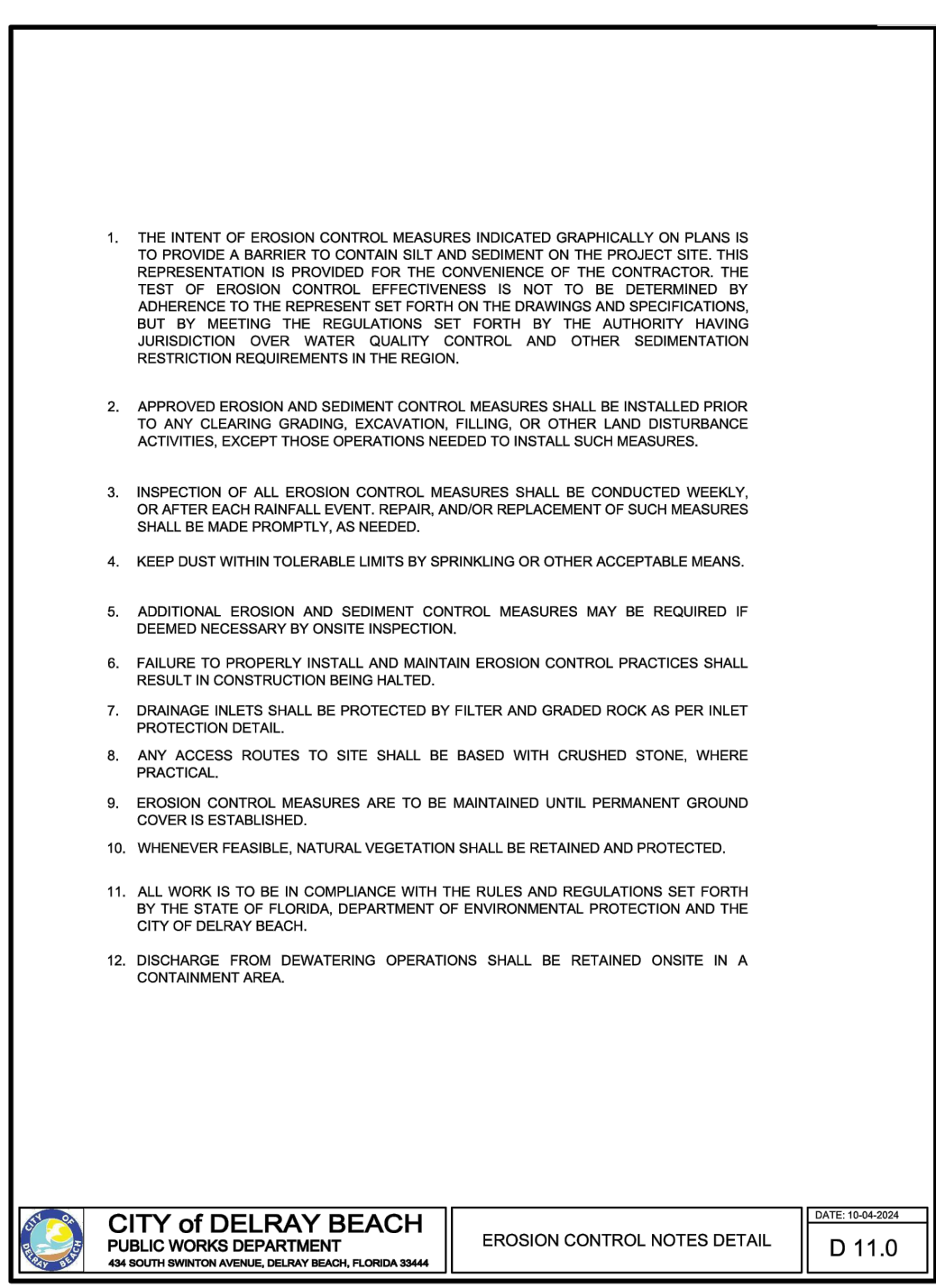
SEQUENCE OF CONSTRUCTION

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORT-A-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL SILT FENCE
2. DEMOLISH EXISTING STRUCTURES, (IF APPLICABLE)
3. CONSTRUCT AND STABILIZE SEDIMENT BASIN AND DRAINAGE SWALES WITH APPROPRIATE OUTFALL STRUCTURES (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL CONTROL DEVICES LISTED ABOVE)
4. INSTALL AND STABILIZE ANY NECESSARY HYDRAULIC CONTROL STRUCTURES (DIKES, CHECK DAMS, OUTLET TRAPS, ETC.)
5. PREPARE CLEARING AND GRUBBING OF THE SITE, (IF APPLICABLE)
6. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES
7. PERFORM MASS GRADING, ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS
8. TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE AS REQUIRED BY GENERIC PERMIT

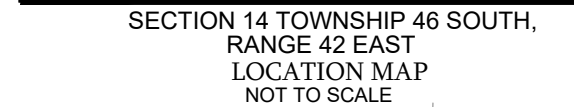
HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEER CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS NECESSARY FOR CONSTRUCTION

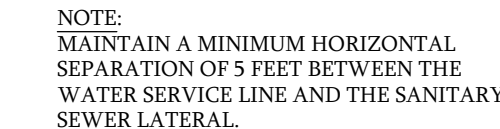


This item has been digitally signed and sealed by ERIK J. WILCZEK, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PROJECT #		DATE		SCALE		DESIGNED BY		DRAWN BY		CHECKED BY		REVISIONS		DATE		BY			
019 04				01-21-2025		AS NOTED		EW		TZ		EW							
LICENSED PROFESSIONAL		ERIK J. WILCZEK														FL LICENSE NUMBER		58216	



BLOCK 1
"ROCKLAND PARK"
(P.B. 24, PG. 23, P.B.C..R)



-
- | | |
|--|-------------------------|
| | PROPOSED EASEMENT |
| | EXISTING EASEMENT |
| | EXISTING WATER MAIN |
| | EXISTING SANITARY SEWER |

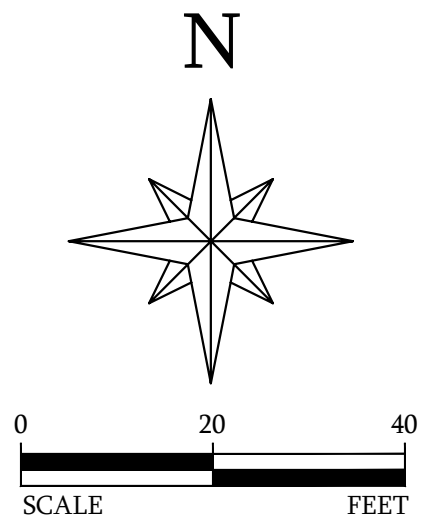
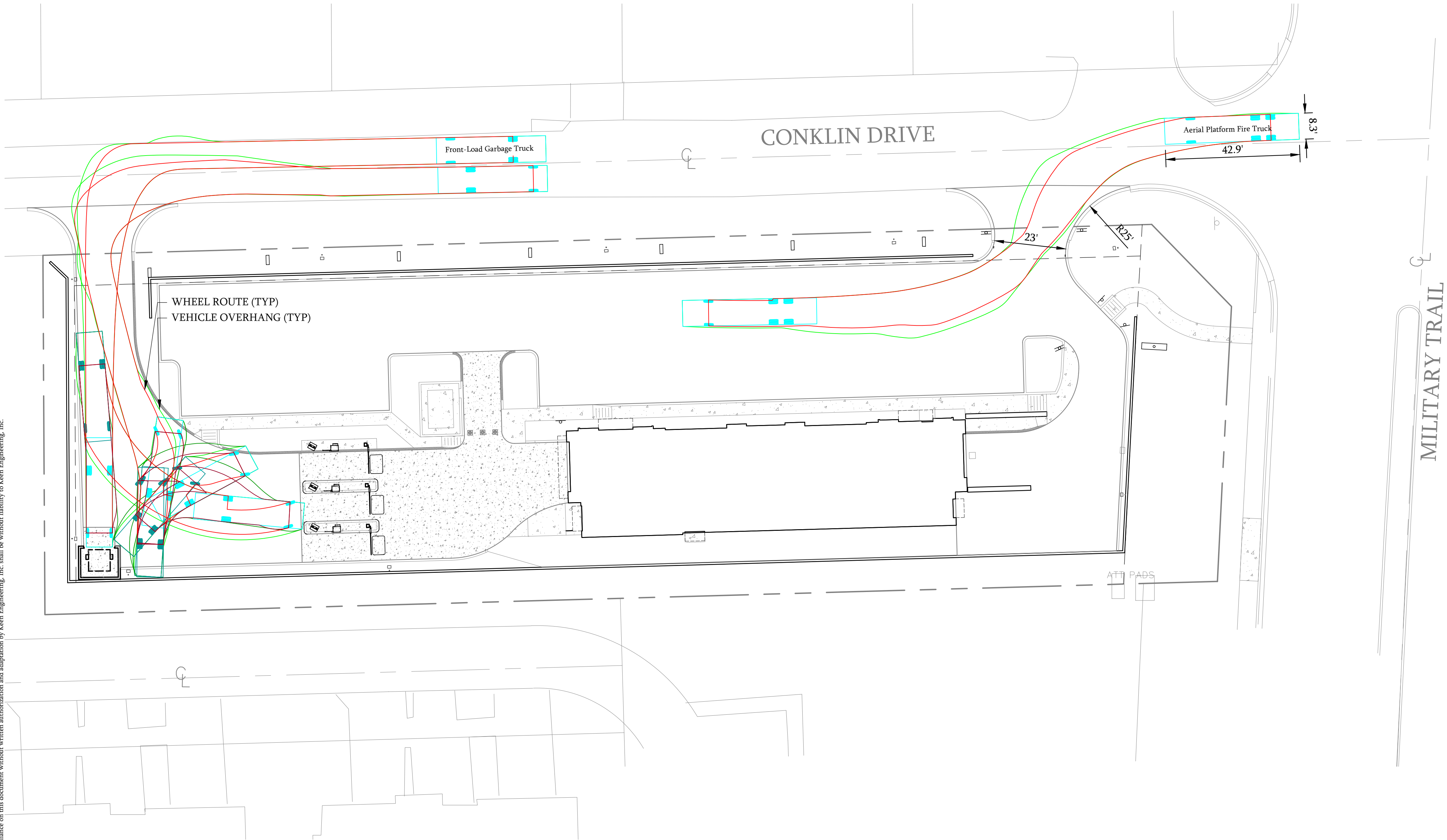
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KEEEN
Engineering Inc.

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PHONE: 561-325-6700 CA#31195

SHEET NUMBER
C-700

SIGNATURE: _____
DATE: _____



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TRUCK EXHIBIT	KEEN Engineering Inc. 7280 W PALMETTO PARK RD., SUITE 105, BOCA RATON, FL 33433 PHONE: 561-325-6700 CA#31195	14145 S MILITARY TRAIL		PROJECT # 019-04		DATE 01-21-2025	
		DELRAY BEACH	PALM BEACH COUNTY, FL	SCALE AS NOTED	DESIGNED BY EW	DRAWN BY TZ	CHECKED BY EW
SHEET NUMBER C-800		ERIK J. WILCZEK FL LICENSE NUMBER 58216		REVISIONS		DATE	
		BY		No.			